

The Chesapeake Guardian

The Official Magazine of the 175th Wing, Maryland Air National Guard

Inside this Issue

- Facts and Figures for 2009
- The 175th Wing: Ready, Reliable, Relevant
- Organizational Profile



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Wing Family Fun



Jalen Evans takes control of a fire hose under the close supervision of Staff Sgt. Michael Dowling at Family Day 2009. Photo by Tech. Sgt. Christopher Schepers.

CONTENTS>>

>> ORGANIZATION

175th Wing Vision and Goals for 2010.....	3
The Air National Guard: Ready	4
Senior Leadership	5
History of the Maryland Air Guard	6
Organizational Chart	8
Headquarters, Maryland Air National Guard.....	9
175th Wing and Subordinate Units	10
Voluntary Support Organizations	19

>> DATABASE

The Air National Guard: Reliable	20
Unit Insignia	21
Career Fields.....	22
State Awards and Decorations.....	24
Expenditures and Economic Impact.....	26
Personnel Demographics	27

>> WEAPON SYSTEMS

The Air National Guard: Relevant	28
Combat Aircraft	29
Aerial Bombs and Missiles	30
Ground Combat Weapon Systems	31



photo by Tech. Sgt. Christopher Schepers



175th Wing Vision and Goals for 2010

Vision Statement

The 175th Wing will be a trusted and relevant Total Force partner supporting federal and state missions. First and foremost, we will provide world-class close air support, tactical airlift, cyber and mission support capabilities for use by combatant commanders and the governor of the state of Maryland.

We will excel as stewards of all wing and Air National Guard resources in service of the American people and the citizens of Maryland while providing precise, effective and reliable homeland defense capability.

Mission First

The 175th Wing will continue to be the premier choice for mission tasking by the state of Maryland, the National Guard Bureau and major U.S. Air Force commands. We will present world-class combat and combat support forces while anticipating future and emerging requirements. We will excel in all

2010 inspections and evaluations.

People Always

We will maintain our focus on Airmen by achieving an efficient and effective manpower end strength in 2010, ensuring commanders', first sergeants' and chief master sergeants' engagement in Airmen professional development, meeting or exceeding all Air National Guard individual medical readiness averages, improving visibility of human resources administration, family programs and initiatives and energizing Airmen recognition programs "from Roll Call to Outstanding Airmen of the Year."

We will strengthen bonds with the local community by identifying and developing new recruiting opportunities, establishing regular interaction with Employer Support of the Guard and Reserve as well as local government and community associations.

We will develop and improve facilities

and workspace by life-cycle renovations, completing a new fitness facility in conjunction with constructing a new fire station, completing a new main entry gate and an improved road system. We will enact a base master plan encompassing the transition to the C-27J mission.

Agent for Change

We will continue to lead the ANG and the Air Force in the evolution and combat deployment of the A-10C. We will lead the transition from C-130J Hercules to the C-27J Spartan while exploring and developing new emerging mission areas and capabilities.

Warfield Air National Guard Base will continue to transform as a Maryland model energy installation by reducing energy usage through increased conservation efforts, "smart buildings" and by markedly increasing base-wide recycling throughput.

photo by Master Sgt. Edward Bard



Ready when needed

Since 1921, the Maryland Air National Guard has maintained a presence in the air – a presence that requires a group of technically and tactically proficient pilots and loadmasters who are ready to perform at a moment's notice.

Far from the old “weekend warrior” stereotype, these men and women train constantly to ensure that they can execute their state and federal missions in a safe and successful manner.

But being ready doesn't come easy. Constant in-flight and classroom training and education takes place. In addition to monthly drills and at least two weeks of active duty each year, fliers are required to perform “additional flight training periods” – an average of about one per week – during which they not only hone their flying skills but demonstrate their ability to perform their duties.

“Currency requirements vary somewhat between pilots of differing qualifications and experience, and are divided into monthly, quarterly, and semi-annual requirements,” explained Capt. Christopher Meyer, a C-130 pilot with the Maryland Air National Guard's 135th Airlift Squadron. “All in all, to remain current, pilots must fly several times each month on average.”

And while maintaining currency helps ensure critical flying skills don't become rusty, just to make sure everything is up to snuff, pilots and loadmasters must undergo periodic flight evaluations, during which they are required to demonstrate the same level of proficiency as their active Air Force counterparts.

“[Aircrew] are also required to take a check ride each year that includes written testing, an emergency procedures evaluation and a flight check that evaluates tactical, emergency and proficiency events,” said Captain Meyer.

These evaluations are conducted by specially trained, highly experienced “stan/eval” pilots and loadmasters, recognized experts with the skills, knowledge and training to ferret out any deficiency.

While annual flight evaluations can be stressful, the result is aircrew who equal or exceed their active duty counterparts across the spectrum of flying skills. In fact, far from that old “weekend warrior” saw, Maryland crews are flying missions day in and day out, across the state, throughout the nation and around the world.



Airman Isaac K. Railey and Staff Sgt. Michael S. Myrick, of the 135th Maintenance Squadron, conduct operation checks on the communication systems on board the C-130J.



Capt. William E. Werking, a C-130 pilot assigned to the 135th Airlift Squadron, studies a map while preparing for a training flight.

photos by Tech. Sgt. Christopher Schepers

Maryland Air National Guard

Senior Leadership



Brigadier General
Allyson R. Solomon
Assistant Adjutant
General—Air

Brig. Gen. Allyson R. Solomon was commissioned in 1986 through the Academy of Military Science at McGhee Tyson Air National Guard Base in Knoxville, Tenn. Prior to being commissioned, she was an enlisted member for seven years. As Assistant Adjutant General—Air, General Solomon is the principal advisor to the Governor and the Adjutant General of Maryland on matters pertaining to the Maryland Air National Guard and overall commander of the Maryland Air National Guard. She was appointed to her present position in June 2008. In addition, she serves as the (A1) Assistant to Director, Air National Guard.



Colonel
Scott L. Kelly
175th Wing Commander

Col. Scott L. Kelly received his commission in 1983 as a graduate of The Citadel in South Carolina. After completing undergraduate pilot training, he flew the T-38 as a First Assignment Instructor Pilot. He subsequently served in the Persian Gulf War as an A-10 fighter pilot assigned to the 74th Tactical Fighter Squadron. From 1991 to 1994, Colonel Kelly served with the Maryland Air National Guard as an active duty liaison/advisor. In 1997, he left the active Air Force to join the Maryland Air National Guard as a fulltime Active Guard/Reserve member. He was appointed to his current position in June 2009.



Chief Master Sergeant
Glenn D. Hart
State Command Chief
Master Sergeant

Chief Master Sgt. Glenn D. Hart graduated from Perry Hall High School in 1973 and enlisted in the Maryland Air National Guard as a Communication Specialist on Aug. 24, 1974. In 1976, he cross-trained into the aircraft maintenance career field. In 1995, he was selected as the Air Force Crew Chief of the Year. As State Command Chief, Chief Hart is the personal advisor to the Adjutant General and the Assistant Adjutant General—Air on enlisted issues and a key advocate for the Maryland Air National Guard enlisted force. He was appointed to his present position in July 2009.



Chief Master Sergeant
Harold E. Stewart
175th Wing Command Chief
Master Sergeant

Chief Master Sgt. Harold E. Stewart entered the Maryland Air National Guard in April 1977 as an Air Freight Specialist. His background includes various duties in airlift operations, computer network operations and communications security, including nearly 6,000 flying hours as an Aircraft Loadmaster. Before assuming his current position, he served as the Chief Enlisted Manager for the 175th Network Warfare Squadron. He received both his bachelor's and master's degrees from Capitol College in Laurel, Md. Chief Stewart has served in his present position since November 2009.

History of the Maryland Air Guard

Organized in Baltimore on June 29, 1921, the 104th Observation Squadron was the first post-war National Guard flying unit to be equipped with its own aircraft, 13 Curtiss JN-4 Jennies. The unit operated out of Baltimore's Logan Field and initially served as division aviation for the 29th Infantry Division. In addition to Jennies, the 104th flew a variety of other aircraft during the interwar period, almost all of them two-seat biplanes.

The 104th's World War II service began on Feb. 3, 1941, when it was mobilized along with the rest of the Maryland Guard. During the war, the 104th flew antisubmarine patrols out of Atlantic City, N.J., as part of the 59th Observation Group using O-46 and O-47 aircraft.

In late 1942, the 104th was inactivated and its personnel transferred to the new 517th Bombardment Squadron, which soon moved to Langley Field, Va. There the unit, which was later redesignated the 12th Antisubmarine Squadron, flew B-18B Bolo, and later B-24 Liberator and B-25 Mitchell bombers against German U-boats in the Atlantic.

The unit was moved to California and redesignated the 859th Bombardment Squadron in September 1943. By this time most of the original National Guard members had been transferred elsewhere as individual replacements, although a handful were still serving with the unit when it entered combat in Europe in May 1944.

The 104th returned to Maryland when the 104th Fighter Squadron was reactivated in 1946 at Harbor Field in Baltimore, equipped with P-47 Thunderbolt aircraft, later replaced by F-51 Mustangs. From 1955 to 1958, the unit was organized as a fighter-interceptor squadron and charged with defending the Baltimore-Washington area against possible Soviet bomber attack. The unit soon converted to the F-86 Sabrejet, and in 1957 relocated to the Glenn L. Martin Company Airport, whose longer runway was



necessary to support jet operations.

Maryland gained a second flying unit in 1955, when the 135th Air Resupply Group was organized at Harbor Field. The 135th was one of only a handful of Air Force special operations units in existence at the time. Equipped with Curtiss C-46 Commando transports and SA-16 Albatross seaplanes, its mission was the covert infiltration, resupply and extraction of special forces. Following the closure of Harbor Field in 1960, the unit also relocated to the Martin Company Airport.

A second group headquarters was added in 1962, when the 175th Tactical Fighter Group was established that October. The 104th Tactical Fighter Squadron, which had heretofore operated as an independent squadron, became part of the new group.

Spring 1968 brought considerable activity, with both the 135th and 175th being called out to help quell rioting in Baltimore following the assassination of Dr. Martin Luther King, Jr., and elements of the 175th being mobilized and deployed to Cannon Air Force Base, N.M., in response to the Pueblo Crisis in Korea. While mobilized, the unit trained Air Force pilots to serve as forward air controllers. The 175th returned home and demobilized that December.

The 135th endured multiple changes in designation, mission and aircraft during the 1970s, switching first from special operations to a tactical air support role, where it flew forward air control missions aboard O-2A Super Skymasters. Then in 1977, the unit converted to a tactical airlift mission, flying the C-7A Caribou. In 1980, the unit converted to the C-130 Hercules, which it has flown ever since.

The 175th, which had flown the A-37 Dragonfly since turning in its F-86s in 1970, received brand new A-10 Thunderbolt II attack aircraft from the factory in Hagerstown, Md., beginning in 1979. The unit continues to fly the famed tank killer to this day.

The military facilities at Martin State Airport were formally renamed in honor of Maj. Gen. Edwin Warfield III, former adjutant general of Maryland, in 1982, and the base has since been known



as Warfield Air National Guard Base. The civilian portion of the field had been purchased by the state and renamed Martin State Airport in 1975.

Despite the end of the Cold War, the Maryland Air National Guard remained active in operations around the world through the remainder of the century. During the build-up to the 1991 Persian Gulf War, a number of unit personnel were mobilized to fill support roles. The same year, the 175th won Gunsmoke, the U.S. Air Force Worldwide Gunnery Competition, earning recognition as the best fighter unit in the Air Force.

The 135th participated in humanitarian relief efforts in Somalia, peacekeeping and humanitarian relief in Bosnia, the U.S. intervention in Haiti and the enforcement of U.N. sanctions against Iraq during the 1990s. A-10s from the 175th were likewise kept busy patrolling the skies over Bosnia and enforcing the “no-fly” zone over southern Iraq, where it was called upon to fly retaliatory strikes against Iraqi targets.

On June 15, 1996, the units of the 135th and 175th merged to form the 175th Wing. The 175th Wing, which carries on the lineage and honors of the 175th Fighter Group, is a composite organization with an Air Combat Command-gained fighter unit, an Air Mobility Command-gained airlift unit, a U.S. Air Forces in Europe-gained civil engineer flight, and, since 2006, a network warfare squadron.

The wing has been deeply involved in fielding the latest Air Force aircraft. In 1999, it dedicated its first C-130J, the latest and most advanced version of the venerable transport. The 135th had played a major role in the test and evaluation of the aircraft and its procedures and was the first fully equipped C-130J unit in the U.S. Air Force. The wing was also selected to be the Air Force’s lead unit in converting to the new “precision engagement” A-10C. Wing personnel were deeply involved in the test and evaluation process and in September 2007, the 104th Fighter Squadron became the first unit to take the A-10C into combat, when it deployed to Al Asad Air Base, Iraq.

Since Sept. 11, 2001, members of the 175th Wing have repeatedly volunteered or been mobilized to take part in the Global War on Terrorism. From January to June 2003, the 104th Fighter Squadron was deployed to Bagram Air Base, Afghanistan, where it flew strikes against Taliban and al Qaeda forces and earned the distinction of being the longest-deployed Air National Guard fighter squadron at Bagram. Elements of the 135th Airlift Group remained almost continuously deployed in support of the War on Terror from December 2004 until January 2007, flying airlift missions throughout the combat theater as part of the 746th Expeditionary Airlift Squadron. In addition, the 135th maintained a continuous presence of two aircraft and personnel in Afghanistan from April to September 2008.

The Maryland Air National Guard has also remained fully engaged at home. When Hurricanes Katrina and Rita struck the Gulf Coast in 2005, the 175th Wing was among the first to respond, flying 42 relief missions and deploying nearly 200 troops to support recovery and relief



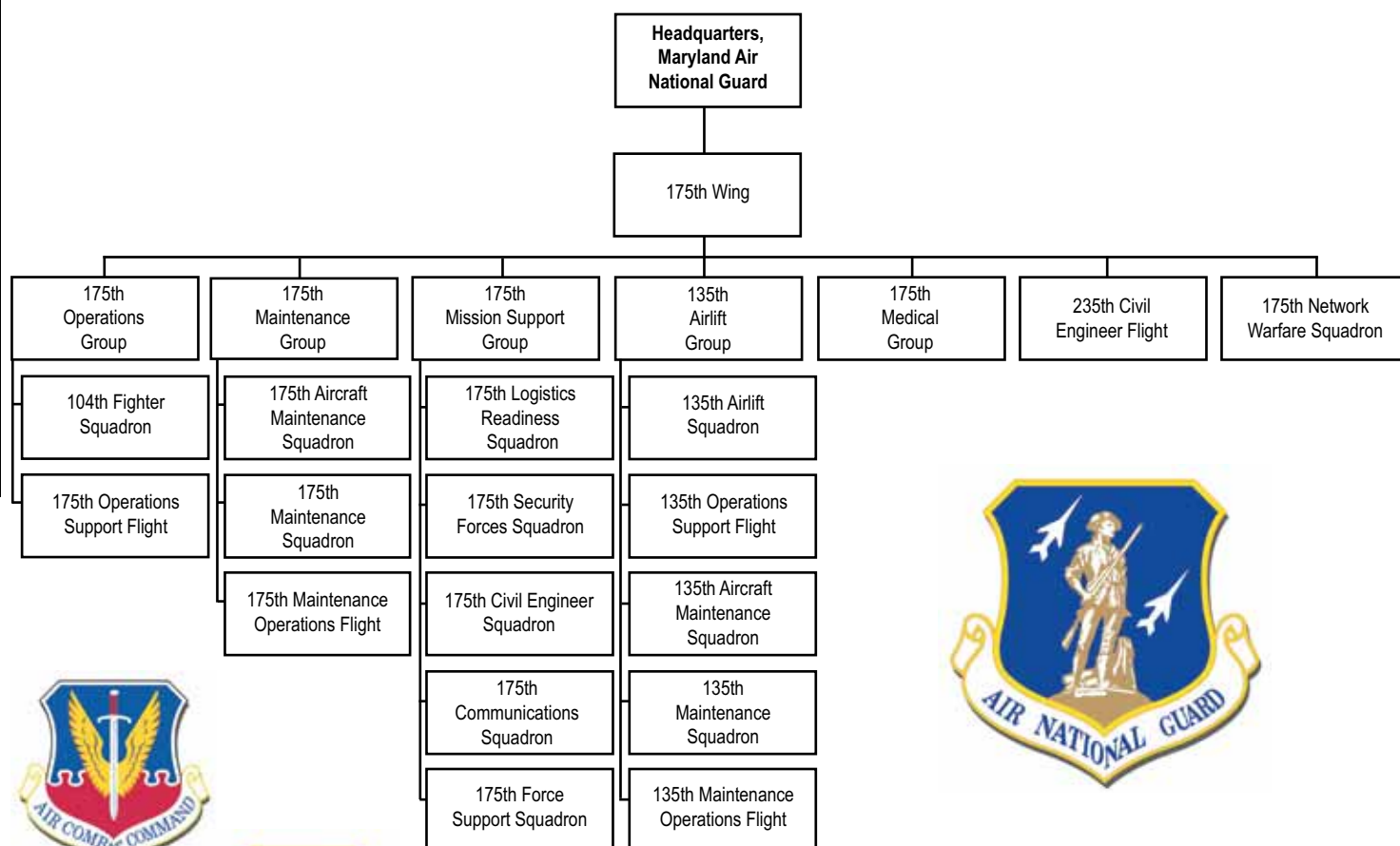
efforts in Louisiana and Mississippi. From 2006 to 2008, numerous wing members deployed to the U.S.-Mexican border as part of Operation Jump Start, the National Guard mission supporting the U.S. Border Patrol.

In 2008 the wing endured a number of organizational changes, including the Air National Guard “Reset,” which made significant changes in the size and structure of a number of wing organizations. One of the most notable was the inactivation of the 135th Aerial Port Flight, whose functions moved to a newly established small air terminal within the 175th Logistics Readiness Squadron.

The 175th Wing continues to successfully support operations overseas and at home. As the wing looks forward to 2010, it is preparing to deploy both its C-130s and A-10s to support combat operations in Afghanistan. This will be the largest single combat deployment in the wing’s history.



Organizational Diagram



The Maryland Air National Guard is a dual-status state and federal entity. While in state status, it is a component of the Maryland Military Department and reports to the adjutant general of Maryland. The governor of Maryland is the commander-in-chief of the Maryland militia, which includes the Maryland Air National Guard except when called up under federal mobilization orders.

The Air National Guard also serves as a reserve of the U.S. Air Force. When mobilized, units of the Maryland Air Guard are allotted to various gaining major commands and report through the regular Air Force chain of command to the President of the United States as commander-in-chief.

With the exception of the 135th Airlift Group and the 235th Civil Engineer Flight, the 175th Wing and each of its subordinate units are gained by Air Combat Command. The 135th Airlift Group and its subordinate units are gained by Air Mobility Command, while the 235th Civil Engineer Flight is gained by U.S. Air Forces in Europe. These forces may be deployed worldwide.

Federal Mission

In peacetime, the 175th Wing prepares for wartime tasks and maintains readiness for mobilization, supports homeland security operations and participates in international peacekeeping efforts. In wartime, it provides combat-proven close air support and tactical airlift capability to meet the needs of combatant commanders worldwide and can deploy mission-ready security forces, civil engineering, logistics, medical and other support functions either independently or as part of a larger unit package.

State Mission

Assists state authorities during natural disasters, civil disturbances and other emergencies at the call of the governor. Provides combat and support forces for homeland defense efforts and response forces available at the governor's call in the event of domestic emergency.

Local Mission

Participates in and supports community service projects and events throughout the local area through volunteerism and defense support to civil authorities.



Headquarters Maryland Air National Guard

Mission

Provides command and control to a wing that includes mission-ready fighter and airlift squadrons, assists senior leadership in implementing the policies and procedures to smoothly transition unit activation by gaining major commands, directs and resources Air National Guard assets for state and federal use during disasters or civil disturbance and provides oversight and guidance on all fiscal policies.

Personnel

TAAG-Air: Brig. Gen. Allyson R. Solomon

Officers: 16

Enlisted: 15

Accomplishments

The state headquarters managed key personnel programs, including the Outstanding Airmen of the Year Program, Senior Officer Career Management and Force Management and Selective Retention Programs.

It oversaw Maryland Air National Guard participation in the 44th Presidential Inauguration.

Headquarters also provided placement of 11 members displaced by the inactivation of the 104th Weather Flight due to Air Force restructuring.

The Maryland Air National Guard human resources officer directed all joint Maryland National Guard fulltime human resource programs, supporting 1,457 Army and Air employees and providing oversight and coordination on joint staff personnel issues and reporting.

Maryland ANG Human Resources Office staff also serves as J-1 staff, providing support to the Maryland Joint Force Headquarters Joint Operations Center during federal and state emergency operations and exercises.

State headquarters led an effort to identify MDANG-unique strengths and developed

courses of action for a state strategic plan. The strategic plan was used to populate the National Guard Bureau's Future Mission Database as part of the Air National Guard's Strategic Planning System.

State headquarters is also working with Air Force planners to develop a state airspace coordination plan. Additionally, the state headquarters is engaged in National Capital Region efforts to develop an airspace coordination plan for the entire NCR, to include a catastrophic incident response plan.

State headquarters personnel have been part of the effort to gain approval from the Federal Aviation Administration to reactive the Instrument Landing System at Martin State Airport.

Headquarters also deployed personnel in support of combat operations in Iraq.

photo by Master Sgt. Edward Bard



175th Wing and Subordinate Units

photo by Tech. Sgt. Christopher Schepers

Mission

Provides combat-proven close air support and tactical airlift capability to meet the needs of combatant commanders worldwide and can deploy mission-ready security forces, civil engineer, logistics, medical and other support functions either independently or as part of a larger unit package.

Personnel

Commander: Col. Scott L. Kelly

Officers: 199

Enlisted: 1245

Accomplishments

This year, that 175th Wing was recognized as one of Air National Guard's top units, winning the Air Force Outstanding Unit Award for the period of April 1, 2007, to March 31, 2009. This award was a testament to the hard work, sacrifice, professional dedication and excellence of the members of the Maryland Air National Guard.

These qualities continued to be evident in 2009, with a total of 689 wing members being mobilized in support of the War on Terror and other operations during the fiscal year. The wing also had the honor of supporting the historic inauguration of President Barack Obama, deploying a 51-person contingent to Washington, D.C., for the event.

In June, the wing bid farewell to Brig. Gen. Guy M. Walsh, who was succeeded as wing commander by Col. Scott L. Kelly. Colonel Kelly had previously served as wing vice commander, and was replaced in that role by Col. Daniel B. Marino, commander of the 175th Operations Group.

Also this year, Chief Master Sgt. Harold E. Stewart was appointed wing command chief with the retirement of Chief Master Sgt. Kenneth C. Wheeler in November. Chief Stewart had previously been the 175th Network Warfare Squadron's chief enlisted manager.

The wing continued to undergo organizational changes in 2009. The functions of the 175th Mission Support Flight and the 175th Services Flight were consolidated into a single new unit, the 175th Force Support Squadron, in April. In July, two of the 135th Airlift Group's C-130s were transferred to other units as a result of the Base Realignment and Closure

commission's recommendations, resulting in a downsizing in the unit's authorized strength. The unit will ultimately lose all of its C-130s and convert to the C-27 Spartan.

As the wing looks forward to 2010, much of its energy is focused on preparing to deploy both its C-130s and its A-10s to Afghanistan. This will be the largest single combat deployment in the wing's history.

Wing Headquarters

During 2009, the wing headquarters provided leadership and staff support to the full spectrum of wing operations. Two historic events marked wing headquarters' operations this year.

In January, Headquarters, Joint Task Force-Maryland, stood up at the base to oversee any developments related to the Maryland National Guard's participation in Operation Capitol Thunder, the 44th Presidential Inauguration, and a number of members of the headquarters staff participated either at home station or as part of the force deployed to Washington, D.C.

Later in the year, Brig. Gen. Guy M. Walsh, then-commander of the 175th Wing, deployed to Kandahar, Afghanistan, to assume command of the 451st Air Expeditionary Wing. This was the first time in modern history that an Air Guard general officer commanded a wing in a combat theater. General Walsh subsequently transferred to the Virginia Air National Guard.

Among headquarters' other highlights for the year were:

One staff judge advocate deployed to the Guantanamo Bay, Cuba, Detention Center as a legal advisor. Another SJA is currently serving a 6-month active duty tour at the Judge Advocate General's Labor Law Division in Rosslyn, Va.

The wing command post received a positive report during the Unit Compliance Inspection conducted in January. The section contributed to wing readiness by reaccomplishing all training plans for



command post controllers.

The wing chaplain team deployed one enlisted member to Manas Air Base, Kyrgyzstan, for 132 days while also maintaining opportunities for religious worship, pastoral care and counseling to members at home station. The chaplain team also hosted the annual wing Prayer Breakfast. In addition, one chaplain and chaplain's assistant deployed to Washington, D.C., as part of the Maryland contingent supporting inauguration activities.

The wing public affairs office continued its tradition of excellence, with one member earning second place in the "Commentary" writing category of the annual National Guard Bureau media contest. One public affairs officer deployed to Washington, D.C., where he led a 48-person security team supporting the inauguration of President Obama, and a second PAO supported inauguration operations from home station.

The Military Equal Opportunity Office trained 105 members in Human Relations Education, conducted one Unit Climate Assessment, and four "Out and Abouts" during 2009.



Command Section

Mission

Provides command and control to wing and all attached and assigned units. The command section includes the wing commander, vice commander, chief of staff, inspector general, human resource advisor and administrative support personnel.

Personnel

Vice Commander: Col. Daniel B. Marino
Chief of Staff: Maj. Bernadette Maldonado
Officers: 3
Enlisted: 5

Chaplain Services

Mission

While serving as a visible reminder of the Holy, provides spiritual care and opportunity for members and their families to exercise their constitutional right to freedom of religion. Serves as a positive influence upon the moral climate by modeling and facilitating ethical leadership to promote decision-making based not only on what is legal, but what is right.

Personnel

Wing Chaplain: Chaplain (Maj.) Evan Young
Officers: 2
Enlisted: 4

Command Post

Mission

Provides command and control for emergency operations and normal operations,

and a state of readiness to activate all Maryland Air National Guard personnel when ordered to do so by the President or the governor of Maryland.

Personnel

NCOIC: Master Sgt. Thomas Myers
Officers: 0
Enlisted: 4

Financial Management

Mission

Ensures that all full-time and traditional Airmen, as well as civilian technicians, receive both their pay and allowances. In addition to processing military and dual-status technician pay, the FM office also coordinates with the Defense Finance and Accounting Office to ensure that all commercial vendors are properly paid.

Personnel

Comptroller: Maj. Karen Smith
Officers: 3
Enlisted: 14

Judge Advocate

Mission

Provides candid, accurate counsel and full-spectrum legal capabilities to the wing commander, staff and professional legal assistance to its Airmen. Provides deployment readiness assistance to unit members, to include the preparation of wills and powers of attorney as needed. Represents the command in military justice

matters, environmental issues, international law, laws of armed conflict and rules of engagement, ethics and code of conduct.

Personnel

Judge Advocate: Maj. Gregory Michelsen
Officers: 3
Enlisted: 2

Equal Opportunity

Mission

Promotes an environment free from personal, social or institutional barriers that prevent military members from rising to the highest level of responsibility possible, while accomplishing the mission.

Personnel

Chief of MEO: Maj. Cynethia Sheppard
Officers: 2
Enlisted: 2

Public Affairs

Mission

Supports the commander's public information objectives through media operations, community relations, and internal information programs.

Personnel

Chief of PA: Capt. Wayne Minami
Officers: 2
Enlisted: 9

Safety

Mission

Provides people, capabilities, programs, tools, education and training that enable commanders and Airmen to effectively risk-manage the mission, prevent mishaps and preserve full spectrum combat capabilities. Manages the wing commander's safety program and conducts inspections to ensure a safe workplace for all wing members.

Personnel

Chief of Safety: Lt. Col. Paul Johnson
Officers: 2
Enlisted: 4

Wing Plans

Mission

Develops and maintains deliberate, detailed planning and higher command coordination for the implementation of wartime, national and state taskings.

Personnel

Plans/Programs Officer: Lt. Col. John Nilan
Officers: 2
Enlisted: 0

photo by Tech. Sgt. Christopher Schepers



175th Operations Group

As one of five Air National Guard A-10 fighter units gained by Air Combat Command and 9th Air Force, the 175th Operations Group supported numerous exercises and taskings during 2009.

The first five months saw continued support and training of pilots and maintenance personnel from five units still affected by the partial grounding of the A-10 fleet due to metal fatigue in the wings.

In March, the unit supported Exercise Red Flag at Nellis Air Force Base, Nev., and performed combat search and rescue training. Red Flag is the Air Force's premier aerial combat training exercise.

The unit deployed to MacDill Air Force Base in May to participate in joint multi-national Exercise Jaded Thunder. Pilots employed laser-guided bombs, Joint Direct Attack Munitions and helped train Joint Terminal Air Controllers deploying

to combat.

In September, the unit again deployed to MacDill Air Force Base, this time to support Exercise Atlantic Strike. This training exercise also served as valuable "spin-up" training for the unit's deployment to Afghanistan in early 2010.

In addition, the 175th Operations Support Flight deployed intelligence personnel to Iraq in support of U.S. Army intelligence operations.

Group Headquarters

Mission

Provides highly trained and equipped combat mission ready forces prepared for worldwide mobility commitment. Employs A-10C aircraft in a multitude of taskings, including close air support, forward air controller, combat search and rescue, with all-weather and night capability.

Personnel

Commander: Vacant

Officers: 2

Enlisted: 3

104th Fighter Squadron

Mission

Provides highly trained and equipped combat mission ready forces prepared for worldwide mobility commitment. Employs 22 A-10C aircraft in a multitude of taskings including close air support, forward air controller and combat search and rescue, with all weather and night capabilities.

Personnel

Commander: Lt. Col. Patrick McAlister

Officers: 22

Enlisted: 13

175th Operations Support Flight

Mission

Provides intelligence, tactics, aircrew training, current operations, airfield management and aircrew resource management services to support an 22-aircraft A-10 squadron, ensuring wing readiness to accomplish combat missions worldwide.

Personnel

Commander: Lt. Col. Eric Murphy

Officers: 9

Enlisted: 16

File Photo



175th Maintenance Group

The maintenance group has continued to lead the combat air forces in rounding out advanced modifications to the A-10C aircraft in preparation for the upcoming 2010 Air Expeditionary Force deployment. This included two deployments to MacDill Air Force Base, Fla., in support of Exercise Jaded Thunder and a final AEF spin-up deployment in support of Exercise Atlantic Strike. These deployments have been critical training events that provide a realistic combat environment incorporating the advanced targeting enhancements to support the war fighters in the combat theater.

Group Headquarters

Mission

Provides highly trained and equipped combat mission-ready forces prepared for worldwide mobility. The group maintains 22 A-10 aircraft, which perform numerous taskings, including close air support, forward air controller, and combat search and rescue.

Personnel

Commander: Lt. Col. Timothy Schuster
Officers: 3
Enlisted: 18

175th Aircraft Maintenance Squadron

Mission

Provides mission-ready aircraft and personnel at the time and place needed.



Maintenance personnel must remain proficient in wartime skills such as aircraft generation, munitions assembly, mobility, maximizing authorized base-level repair capabilities, sortie generation operations, hot pit refueling, battle damage repair and survivability measures.

Personnel

Commander: Lt. Col. Edward Jones
Officers: 4

Enlisted: 162

175th Maintenance Squadron

Mission

Ensures authorized A-10 aircraft and support equipment are serviceable, safely operable and properly configured for all mission requirements. Through training of assigned personnel and the inspection and repair of aircraft and equipment, the squadron provides mission-capable resources for aircrew training, exercises, routine aircraft missions and contingency operations.

Personnel

Commander: Maj. Patricia Levin
Officers: 2
Enlisted: 252

175th Maintenance Operations Flight

Mission

Provides support services in the maintenance activities of assigned aircraft. These services include coordination of maintenance activities, mobility operations support and maintenance trend analysis.

Personnel

Commander: Maj. Lee Vanderhoof
Officers: 1
Enlisted: 21



175th Mission Support Group

ORGANIZATION

The 175th Mission Support Group was extremely active in 2009, supporting the gamut of operational taskings from homeland defense to base support to the Global War on Terrorism.

Members of the group's 175th Civil Engineer Squadron deployed to Guantanamo Bay, Cuba, in July, where they worked on four different project sites and upgraded facilities at Camp America, including renovating bathrooms for deployed troops, installing windows and constructing an observation post.

The 175th Security Forces Squadron sent five members to support civil engineer annual training in Fargo, N.D., where they provided basic field tactical training. Additionally, 26 personnel deployed to Spangdahlem Air Base, Germany, to provide backfill support to the host unit and teach certification classes to their active duty counterparts on drug and alcohol detection.

The 175th Logistics Readiness Squadron conducted numerous state-level exercises addressing pandemic/avian flu emergency response capabilities while supporting the logistics requirements of Maryland's Department of Health and Mental Hygiene, during which the squadron excelled in the first major exercise of Maryland's delivery



process for the Strategic National Stockpile. In addition, the logistics readiness squadron seized an opportunity and volunteered to be a "test bed" for vehicle energy conservation efforts in the Air National Guard.

The 175th Communications Squadron was extremely busy during 2009. The unit provided support to the Presidential Inauguration, carried out a video security system upgrade, installed new underground copper cable, upgraded the operations voice recorder, installed a radio tower and ground-to-air radio site, and completed

installation of fiber optic cable for circuit upgrade.

Additionally, civil engineering, security forces and communications personnel deployed to Bosnia-Herzegovina for a military-to-military exchange discussing defense support to civil authorities.

The group also underwent a significant organizational change when the 175th Mission Support Flight was reorganized and redesignated as the 175th Force Support Squadron in April. As part of this reorganization, the 175th Services Flight was inactivated and its personnel and functions merged into the force support squadron.

File Photo



Group Headquarters

Mission

Provides support capabilities through the Security Forces Squadron, Civil Engineer Squadron, Logistics Readiness Squadron, Communications Squadron, Force Support Squadron and Contracting. A professional team, working together to provide vital combat support anytime, anywhere, while building a premier base community.

Personnel

Commander: Col. Paul Maas

Officers: 3

Enlisted: 10

175th Security Forces Squadron

Mission

Provides superior service in the areas of security, law enforcement and combat arms training and maintenance when called





upon by our community, state and nation, fulfilling peacetime and wartime taskings in the finest tradition of the Citizen-Soldier.

Personnel

Commander: Capt. Matthew Tower
Officers: 2
Enlisted: 117

175th Civil Engineer Squadron

Mission

Provides and operates facilities to support flying operations and the air base. Provides fire protection, crash-fire rescue service, emergency medical first response, limited hazmat response and limited confined space rescue. Provides nuclear-biological-chemical defense training, disaster preparedness/response planning and execution to support Maryland Air National Guard operations. Major activities consist of design, construction, operation, maintenance and repair of all physical plant (facilities) and real estate, including utilities, roads, airfield pavements, buildings, etc.

Personnel

Commander: Lt. Col. Michael McDonald
Officers: 3
Enlisted: 109

175th Logistics Readiness Squadron

Mission

Provides safe, timely, courteous customer support through highly trained personnel to the 175th Wing. This support includes the delivery of supplies, equipment, fuels, vehicles, and air transportation. Additionally, the unit provides the capability to generate

and assist in the deployment of assigned forces.

Personnel

Commander: Maj. Mark Ruane
Officers: 9
Enlisted: 160

175th Communications Squadron

Mission

Provides professional and reliable communications capabilities in support of the 175th Wing, the state and nation,

including radios, computers, printers, telephones and wireless services, in garrison and deployed.

Personnel

Commander: Maj. Brian Sproul
Officers: 3
Enlisted: 59

175th Force Support Squadron

Mission

Provides total support during an Airman's career from enlistment through retirement. This support includes training, developing, feeding, lodging, promoting, deploying, retiring, and providing burial entitlements for members and their families. The Force Development Flight, Manpower and Personnel Flight, and Services Sustainment Flight in conjunction with wing functions of Airman and Family Services and Recruitment and Retention are responsible for implementing Air Force total force service initiatives. Enhances overall combat readiness and productivity with the promotion of services support, esprit de corps and quality of life to the Maryland Air National Guard community and deployed locations.

Personnel

Commander: Maj. John Tollen
Officers: 4
Enlisted: 61

photo by Tech. Sgt. Christopher Schepers



135th Airlift Group

The 135th Airlift Group had a very successful year in 2009, flying a full range of airlift missions in support of the Global War on Terror and other taskings, even as it prepared to transition to a new airframe as a result of the Base Realignment and Closure commission's decision to reassign its C-130J aircraft to other units.

In 2009, the Maryland C-130 fleet was downsized from eight aircraft to six. At the same time, the unit began preparing for its follow-on mission, that of flying the C-27J Spartan, which are expected to begin arriving in the 2011-2012 timeframe.

One officer and one enlisted member were selected to begin writing and reviewing C-27J aircraft publications at Air Mobility Command. Three more 135th members were activated by Air National Guard to support acquisition and deployment of the new C-27J aircraft.

But even as they were preparing to transition to the new aircraft, the 135th maintained a full flying schedule, as

is evident in the 873 sorties they flew, encompassing a total of 2196.5 flying hours for the year. During these missions, they transported 2,240 passengers and 227.7 tons of cargo with a mission-capable rate of 77.1 percent in their worldwide missions. This year's flying brought the group's total accident-free flying hours to 182,276.8 – the equivalent of flying 24 hours a day for 20 straight years without a major mishap.

The 135th Operations Support Flight made time to help Air National Guard units in California and Michigan with inspections. In addition, the flight underwent an inspection of their own: they completed an AMC Unit Compliance Inspection with an overall grade of "Satisfactory" and scored an "Excellent" in the Aircrew Flight Equipment Shop.

135th Aircraft Maintenance Squadron personnel deployed to Okinawa, Japan, to backfill the 374th AMXS while they were deployed to support the Global War on Terrorism.

Four 135th aircrew members were recipients of the prestigious Earl T. Ricks

Award for outstanding airmanship. The annual award recognizes Air National Guard members for outstanding airmanship. The award was the result of a mission in Afghanistan in the summer of 2008 involving emergency resupply of Army ground forces in contact with the enemy.

Group Headquarters

Mission

Provides world-class humanitarian, contingency and combat support through all aspects of the tactical airlift mission in response to taskings anywhere in the world. Supports the 175th Wing's mission through service as community leaders and fostering a culture of continuous improvement in all we do.

Personnel

Commander: Lt. Col. Thomas Hans
Deputy Cdr Ops: Lt. Col. Michael Lunt
Deputy Cdr Maint: Lt. Col. Robert Finley
Officers: 5
Enlisted: 13

photo by Master Sgt. Edward Bard



135th Airlift Squadron

Mission

Maintains combat-ready aircrew and aircraft to mobilize, deploy and provide intratheater airlift in support of U.S. interests worldwide. Supports theater commanders' requirements for combat delivery capability through tactical airland/airdrop operations and humanitarian aeromedical evacuations.

Personnel

Commander: Lt. Col. Kristin Brawley
Officers: 27
Enlisted: 46



135th Operations Support Flight

Mission

Provides intelligence, tactics, aircrew training, current operations, airfield management and aircrew resource management services to support a six-aircraft C-130 squadron, ensuring wing readiness to accomplish airlift missions worldwide.

Personnel

Commander: Lt. Col. Michael Condon
Officers: 9
Enlisted: 14

135th Aircraft Maintenance Squadron

Mission

Provides mission-ready aircraft and personnel at the time and place needed. Maintenance personnel must remain proficient in wartime skills such as aircraft generation, mobility, maximizing authorized base-level repair capabilities, sortie generation operations, and survivability measures.

Personnel

Commander: Lt. Col. Kenneth Krzysiak
Officers: 4
Enlisted: 48

135th Maintenance Squadron

Mission

Ensures authorized C-130J aircraft and support equipment are serviceable, safely operable and properly configured for all mission requirements. Through training of assigned personnel and the inspection and repair of aircraft and equipment, the squadron provides mission-capable resources for aircrew training, exercises, routine airlift missions and contingency operations.

Personnel

Commander: Lt. Col. Salvatore Demarco
Officers: 2
Enlisted: 145

135th Maintenance Operations Flight

Mission

Provides support services to the 135th Airlift Group in the maintenance activities of assigned aircraft. These services include coordination of maintenance activities, mobility operations support and maintenance trend analysis.

Personnel

Commander: Capt. Charles Wetzelberger
Officers: 1
Enlisted: 19

photo by Tech. Sgt. Christopher Schepers



photo by Tech. Sgt. Christopher Schepers



175th Medical Group

Mission

Provides medically ready Airmen to the wing and combatant commanders by implementing Air Force plans, programs and policies directing flight medicine, preventive medicine, occupational medicine and related support activities.

Personnel

Commander: Lt. Col. Walter E. Gartner

Officers: 21

Enlisted: 35

Accomplishments

During 2009, the 175th Medical Group conducted 1,248 physical assessments (including 132 flight physicals), administered 2,214 immunizations and completed a Health Services Inspection. In addition, the group carried out its assigned wing support responsibilities, including managing medical readiness and providing preventive and occupational health services. Services extended to both home station and members pre- and post-deployment.

175th Network Warfare Squadron

Mission

Provides information operations support in the form of network warfare operations to the U.S. Air Force and other locations as assigned through integrated planning, employment and assessment of joint

information operations requirements and capabilities.

Personnel

Commander: Col. Timothy Evans

Officers: 22

Enlisted: 37

Accomplishments

In 2009, the 175th Information Operations Squadron was redesignated as the 175th Network Warfare Squadron, without a change in location or mission.

The 175th Network Warfare Squadron continued to support U.S. Air Force forensic analysis of malicious code and intrusion vectors and performed

technical research and analysis on cyber infrastructure issues related to emerging technologies.

The squadron also provided language support to multiple U.S. Air Force analytical efforts. In addition, the unit completed acquisition of hardware and software and full installation of the squadron's Digital Network Operations Range, providing training resources in support of the Air Force mission.

235th Civil Engineer Flight

Mission

The primary reserve force command-level Air Force civil engineer unit providing engineer support to Headquarters, U.S. Air Forces in Europe for Air Force and U.S. European Command theater missions.

Personnel

Commander: Col. Kevin Fischer

Officers: 24

Enlisted: 8

Accomplishments

The 235th continued to support Global War on Terrorism during 2009 through Facility Engineering Team deployments to Iraq and Afghanistan. During these deployments, they provided master planning and infrastructure engineering support to multiple forward operating bases. The 235th deployed three teams during the year.

photo by Tech. Sgt. Christopher Schepers



Voluntary Support Organizations

Family Support Group

Mission

Promotes family readiness, quality of life and empowerment of military families through education, communication, resources and community involvement.

Personnel

Coordinator: Mrs. Jeanne Benden

Employees: 1

Volunteers: 25

Accomplishments

The Family Readiness Office provided pre-deployment and post-deployment briefings for service members and their families on an ongoing basis throughout 2009. In addition, it provided annual briefings on family readiness and financial fitness.

The FRO restructured the Key Volunteer Group, which involved placing “key volunteers” at the unit level to better facilitate communication and assistance between the families and the members of the Maryland ANG.

The office also hosted morale events such as homecomings, send offs, Easter egg hunt, and family member get-togethers, and continued to engage local community groups, such as the American Legion and the VFW.

FRO also partnered with the Maryland State Family Program on joint activities and events, including co-hosting the Maryland National Guard State Family Program Workshop and Youth Symposium. FRO members served on the State Advisory Council and the Joint Family Services Assistance Program in Maryland. FRO partnered with the chaplain office and State Family Programs

office to provide marriage enrichment weekends and single servicemember events for our Airmen. FRO joined with the state youth coordinator to support ANG youth with such activities as the Youth Summer Camp, MDNG Teen Council, and the State Youth Symposium in conjunction with the State Volunteer Workshop.

Employer Support of the Guard and Reserve

Mission

Promotes both public and private understanding of the National Guard and reserves in order to gain U.S. employer and community support through programs and personnel policies and practices that encourage employee and citizen participation in National Guard and reserve programs.

Personnel

State Chair: Mr. George L. Doetsch, Jr.

Employees: 3

Volunteers: 60

Accomplishments

The Employer Outreach subcommittee hosted luncheons across Maryland where more than 1,100 employers were honored for their support of their employees.

The committee hosted two Boss Lift missions: one to Wright-Patterson Air Force Base, Ohio, where 45 employers had the opportunity to observe Air Reserve employees in training and tour the National Museum of the Air Force. A second Boss Lift showed 20 employers how their employees, members of the Maryland Guard, complete Army Warrior Skills.

photo by Tech. Sgt. Christopher Schepers



Reliable in an emergency



photo by Tech. Sgt. D. Clare

Staff Sgt. Jonathan Pollack, a 175th Maintenance Squadron structural maintenance technician, (left) and Master Sgt. Anthony Bahur, structural maintenance supervisor, perform a structural repair on an A-10C Thunderbolt II's engine inlet.

"We were the only unit in 2009 to keep our fighter planes flying while other Air Force units were grounded [due to problems with wing cracks throughout the fleet] for over three months," said Chief Master Sgt. Terry M. Allen, chief of the 175th Aircraft Maintenance Squadron's Sortie Generation Flight.

Keeping the unit's A-10C fighters in the air meant the unit was able to accomplish the flying hours assigned by the Air Force's Air Combat Command, and that meant Maryland Air Guard pilots were able to maintain their fighting edge while other A-10 units, active, Guard, and reserve, were struggling to maintain proficiency.

"Because we kept our planes flying, our pilots were able to maintain their mission readiness," Chief Allen said.

With a continuous series of upgrades to the A-10C occurring during 2009, the proven reliability of Maryland Air Guard maintainers paid dividends in other ways

as well. As the Air Force's recognized experts in the A-10C, the members of the 175th Aircraft Maintenance Squadron were repeatedly called upon by the active Air Force to develop procedures and provide training to other units.

"Our unit was consistently called upon by the Air Force to provide maintenance training to units, both active and reserve, prior to deployment overseas," said Chief Allen. "Our personnel have written much of the documentation for changing over from onboard analog systems to digital systems."

Even with the increased operational demands, Maryland Air Guard maintainers continued to excel during inspections.

Of particular note, the 175th received a score of 91 percent during Combat Shield, an electronic warfare evaluation conducted by ACC – far surpassing both the ACC standard of 76 percent and scores received by other units across ACC.

During the 2009 Unit Compliance Inspection, the unit was inspected on every aspect of maintenance and not only passed, but was found to be 100 percent compliant – a perfect score.

When asked what he felt contributes to the effectiveness of the unit, Chief Allen pointed to the level of experience found in the Air National Guard, many of whose members serve in the same unit, working on the same aircraft for their entire career.

"Over the course of years, we as Guard members have had to learn every aspect of maintaining the aircraft," he said. "Now with everything becoming specialized and individuals being trained to work on a specific piece of the fighter, the older guys are able to pass on their knowledge on to the new guys, teaching them how everything works together."

The result is evident: A unit that can be relied upon to keep its aircraft flying and get the mission done.

Official Insignia of Maryland Units



Headquarters,
Maryland Air National Guard



175th Wing*



135th Airlift
Group



104th Fighter
Squadron



135th Airlift
Squadron*



135th Maintenance
Squadron



135th Logistics
Readiness Squadron



135th Operations
Support Flight



175th Maintenance
Squadron



175th Network Warfare
Squadron

* Units marked with an asterisk have a previously approved official insignia that is no longer in use.

Maryland Air Guard Career Fields

Officer

10C	Operations Commander	1
11F	Fighter Pilot	37
11M	Mobility Pilot	35
12M	Mobility Navigator	1
13S	Space & Missile	1
14N	Intelligence	7
15W	Weather	1
16R	Planning & Programming	1
20C	Logistics Commander	2
21A	Aircraft Maintenance	5
21R	Logistics Readiness	6
30C	Support Commander	3
31P	Security Forces	2
32E	Civil Engineer	22
33S	Communications & Information	10
35P	Public Affairs	6
37F	Manpower/Personnel	8
38F	Force Support	4
40C	Medical Commander	1
41A	Health Services Administrator	4
42E	Optometrist	4
44F	Family Physician	2
44M	Pediatrician	1
46A	Nurse Administrator	2
46N	Clinical Nurse	6
47G	Dentist	3
48G	General Medical Officer, Flight Surgeon	2
48R	Residency Trained Flight Surgeon	3
51J	Judge Advocate	5
52R	Chaplain	2
61S	Scientist	1
62E	Developmental Engineer	6
65F	Financial Management	2
87G	Inspector General	1
90G	General Officer	2
91C	Commander	1



91W	Wing Commander	1
97E	Executive Officer Above Wing Level	4

Enlisted

1A200	Aircraft Loadmaster Manager	1
1A2X1	Loadmaster	30
1C0X2	Operations Resource Management	6
1C3X1	Command Post	9
1C700	Flight Services Manager	2
1C7X1	Airfield Management	7
1N0X1	Intelligence	12
1N3XX	Linguist	1
1P000	Flight Equipment Manager	1
1P0X1	Aircrew Flight Equipment	21
1S0X1	Safety	3
1W0X1	Weather	4
2A090	Avionics Superintendent	1
2A0X1	Avionics Test Station and Components	15
2A300	Aircraft Manager	4
2A390	Tactical Aircraft Superintendent	9
2A3X1	A-10 Avionics Systems	23
2A3X3	Tactical Aircraft Maintenance	58
2A590	Aircraft Maintenance Superintendent	6
2A5X1	Aerospace Maintenance	50
2A5X3	Integrated Avionics Systems	27
2A600	Systems Manager	5
2A690	Aircraft Systems Superintendent	2
2A6X1	Aerospace Propulsion	40
2A6X2	Aerospace Ground Equipment	22
2A6X3	Aircrew Egress Systems	7
2A6X4	Aircraft Fuel Systems	11
2A6X5	Aircraft Hydraulics Systems	12
2A6X6	Aircraft Electrical & Environmental Systems	20
2A790	Aircraft Fabrication Superintendent	2
2A7X1	Aircraft Metals Technology	12
2A7X2	Nondestructive Inspection	5
2A7X3	Aircraft Structural Maintenance	15





2E000	Communications-Electronics Systems Manager	1
2E190	Communications Systems Superintendent	1
2E1X3	Ground Radio Communications	6
2E1X4	Visual Imagery & Intrusion Detection Systems	1
2E2X1	Comms, Network, Switching & Crypto Systems	9
2E6X3	Telephone Systems	6
2F0X1	Fuels	24
2G0X1	Logistics Plans	6
2R000	Maintenance Management Analysis Manager	2
2R090	Maintenance Management Superintendent	1
2R0X1	Maintenance Management Analyst	4
2R1X1	Maintenance Production	6
2S000	Supply Manager	2
2S0X1	Supply Management	56
2T0X1	Traffic Management	12
2T1X1	Vehicle Operations	13
2T200	Air Transportation Manager	1
2T2X1	Air Transportation	50
2T300	Vehicle Maintenance Manager	1
2T3X0	Vehicle and Vehicular Equipment Maintenance	7
2T3X1	Special Purpose Vehicle & Equipment Maint.	5
2T3X2	Special Vehicle Maintenance	4
2T3X7	Vehicle Management & Analysis	1
2W0X1	Munitions Systems	29
2W100	Aircraft Armament Manager	1
2W1X1	Aircraft Armament Systems	54
3A000	Information Management Manager	2
3A0X1	Information Management	41
3C000	Communications-Computer Systems Manager	3
3C090	Communications-Computer Systems Suprntdnt.	3
3C0X1	Communications-Computer Systems Ops.	23
3C0X2	Communications-Computer Systems Prog.	8
3C2X1	Communication-Computer Systems Control	6
3C3X1	Communication-Computer Systems Planning & Implementation	4
3E000	Civil Engineer Manager	5
3E0X1	Electrical	11
3E0X2	Electrical Power Production	4
3E1X1	Heating, Ventilation, AC & Refrigeration	5
3E2X1	Pavement & Construction Equipment	7
3E3X1	Structural	6
3E4X1	Utilities Systems	5

3E4X2	Liquid Fuel Systems Maintenance	3
3E4X3	Environmental Controls	2
3E5X1	Engineering	5
3E6X1	Operations Management	5
3E700	Fire Protection Manager	2
3E7X1	Fire Protection	31
3E900	Readiness Manager	1
3E9X1	Readiness	10
3M000	Services Manager	1
3M0X1	Services	28
3N0X1	Public Affairs	1
3N0X2	Radio & Television Broadcasting	2
3N0X4	Still Photography	2
3P000	Security Forces Manager	1
3P0X1	Security Forces	123
3P091	Security Forces Superintendent	1
3S0X1	Personnel	32
3S1X1	Military Equal Opportunity	2
3S2X1	Education & Training	9
4A000	Health Services Management Manager	1
4A0X1	Health Services Management	8
4A1X1	Medical Materiel	2
4A2X1	Biomedical Equipment	1
4B0X1	Bioenvironmental Engineering	4
4E0X1	Public Health	2
4H0X1	Cardiopulmonary Laboratory	1
4N0X1	Medical Service	21
4T0X1	Medical Laboratory	2
4V0X1	Optometry	2
4Y0X1	Dental Assistant	4
5J0X1	Paralegal	1
5R0X1	Chaplain Assistant	4
6C0X1	Contracting	6
6F0X1	Financial Management & Comptroller	11
8A100	Career Assistance Advisor	2
8F000	First Sergeant	13
8R000	Recruiter	5
9E000	Senior Enlisted Advisor	2
9T000	Basic Enlisted Airman	175
9U100	Unallotted Airman	40



Maryland Awards and Decorations



**State of Maryland
Distinguished Service Cross**

May be awarded to any active or former member of the Maryland National Guard or any member of the active or retired military services who, while serving in any capacity and any branch of said service, shall have distinguished themselves in an act of valor or by service beyond the call of normal duty to the Maryland National Guard and the state of Maryland in a duty of great responsibility.



Maryland Medal for Valor

May be awarded to any active member of the Maryland National Guard who voluntarily performs an act of heroism clearly beyond what reasonably might have been expected under the circumstances and of such a nature that if the act had not been attempted no criticism would be justified. The act must have placed the nominee in personal jeopardy.

**State of Maryland
Meritorious Service Medal**



Awarded to any active or former member of the Maryland National Guard or any member of the active or retired military service who, while serving in any capacity and any branch of said service, shall have distinguished themselves in performance of meritorious service while holding a position of great responsibility to the Maryland National Guard.

**State of Maryland
Commendation Medal**



Awarded to any active or former member of the Maryland National Guard or any member of the active or retired military service who shall have distinguished themselves by meritorious and outstanding service to the Maryland National Guard and the state of Maryland. The individual's achievement should have been such that it clearly places him or her above their peers.

**Maryland National Guard
Recruiting Medal**



Awarded in recognition of those individuals directly responsible for, or causing, the enlistment/appointment of individuals into the Maryland National Guard. The individual must be clearly responsible for the identification and subsequent enlistment or appointment of three individuals into the Maryland National Guard.

**Maryland National Guard
State Service Medal**



Presented to members of the Maryland National Guard to promote efficiency and as a reward for five years of continuous state service. Commanders may forward request for the issuance of the state award at any time a member completes the service required. The request must include the commander's certification that the service was continuous and satisfactory.

**Maryland National Guard
State Active Duty Medal**



Presented in recognition of state active service by Maryland National Guard members at the call of the adjutant general and/or governor to assist the state in a domestic or civic action. Nominee must meet the regulatory requirements of "satisfactory performance." Must perform three consecutive days of state active duty or accumulate three days through one calendar year beginning Jan. 1.

**Maryland National Guard
Meritorious Civilian Service Medal**



Recognizes exceptional and meritorious service, performance and significant accomplishments by state or federal civilian employees of the Maryland National Guard who have performed assigned duties for at least one year in an outstanding manner worthy of recognition for significant accomplishments with command-wide impact.





State of Maryland
Distinguished Service
Cross (SDSC)



Maryland Medal for Valor
(MMV)



State of Maryland
Meritorious Service Medal
(SMSM)



State of Maryland
Commendation Medal
(SCM)



Maryland National Guard
Outstanding Unit Ribbon
(MDNGOUR)*



Maryland National Guard
Adjutant General's
Distinguished Unit Ribbon
(MDNGAGDUR)*



Maryland National Guard
Outstanding Airman/First
Sergeant of the Year
Ribbon (MDNGOA/FSYR)



Maryland National Guard
First Sergeant Ribbon
(MDNGFSR)



Maryland National Guard
Recruiting Medal
(MDNGRM)



Maryland National Guard
Overseas Service Ribbon
(MDNGOSR)



Maryland National Guard
Counterdrug Ribbon
(MDNGCDR)



Maryland National Guard
Honor Guard Ribbon
(MDNGHGR)



Maryland National Guard
State Service Medal
(MDNGSSM)



Maryland National Guard
State Active Duty Medal
(MDNGSADM)



Maryland National Guard
Meritorious Civilian Service
Medal (MDNGMCSM)

* Denotes a unit award; individuals assigned to a recipient unit during the period covered by these awards may continue to wear whether or not they remain a member of the unit.



Bottony Cross

When worn on the Maryland National Guard State Service Medal, each bronze bottony cross device represents an additional five years of continuous service. A silver bottony cross device is used to represent 25 years continuous service. A gold bottony cross device represents 30 years continuous service. Additional bronze bottony cross devices may be worn for each five years of continuous service beyond 30 years service. On the Outstanding Airman/First Sergeant of the Year Ribbon, a bronze bottony cross device indicates the wearer was selected as the actual winner in the category in which he or she was competing. Additional devices indicate the individual won in different categories on different years (Airman, NCO, Senior NCO, or First Sergeant).



Valor Device

The "V" device is worn on the State of Maryland Distinguished Service Cross when awarded for an act of valor. It does not represent an additional award. Only one valor device is worn on the ribbon.



Oak Leaf Clusters

The bronze oak leaf cluster represents second and subsequent entitlements to an award. The silver oak leaf cluster is worn in lieu of five bronze oak leaf clusters and represents sixth, 11th, etc., entitlement to the award to which it is attached. Silver oak leaf clusters are worn to the wearer's right of bronze oak leaf clusters on the same ribbon.



Arabic Numerals

Arabic numerals are worn on the Maryland National Guard Adjutant General's Distinguished Unit Award Ribbon to denote multiple entitlements to the award.



Diamond Device

The diamond device is worn on the First Sergeant Ribbon as part of the basic ribbon. It does not represent an additional award.



Folded Flag Device

The folded flag device is worn on the Maryland National Guard Honor Guard Ribbon as part of the basic ribbon. It does not represent an additional award.



Expenditures and Economic Impact

Economic Impact

Maryland Air Guard salaries and expenditures totaling more than \$76.6 million created an estimated 602 off-base jobs within the Baltimore Metropolitan Statistical Area. The total economic impact of the Maryland Air Guard for Fiscal Year 2009 was more than \$111.3 million.

Because of these expenditures and the jobs they create, the Maryland Air National Guard has a significant economic impact on the City of Baltimore and the surrounding counties, as well as on the state of Maryland as a whole.

Military and civilian payrolls, construction contracts and other operational expenditures by the Maryland Air National Guard are a significant economic benefit to both the state and the communities in which Guardsmen live and work.

The federal dollars expended generate multiplier effects on the local economy. Air Force Manual 65-506, *Economic Analysis Procedures Handbook*, provides a model for re-estimation of the total economic impact and secondary jobs created by these expenditures.

The Total Economic Impact is derived from a computation that accounts for the "responding" effect of each federal dollar expended within the economic impact region.

The secondary jobs created computation estimates the number of off-base jobs created by the spending of federal dollars within the economic impact region, which is defined as the Baltimore Metropolitan Statistical Area.

The dollar amounts representing expenditures made during the 2009 fiscal year are set forth in the table below. The complete derivation of the total economic impact and the secondary jobs created is documented and maintained in the 175th Wing Financial Management Office at Warfield Air National Guard Base.

Fiscal Year 2009 Expenditures and Economic Impact

Fulltime Employee Salaries	\$29,663,055
Drill Pay	22,626,721
Other Federal Operating Expenses	15,210,602
Aviation Fuel	<u>9,130,492</u>
Total Expenditures	\$76,630,870

Total Economic Impact **\$111,318,110**

Data Source: Economic Impact Database: Published by the Bureau of Labor Statistics, May 2008 Metropolitan Area Occupational Employment and Wage Estimates, Washington, DC-MD-VA, WV PMSA.

Cooperative Agreements

Operations, maintenance and environmental programs are funded cooperatively by the state and federal governments, with the federal share being 75 percent. In addition, a number of additional programs are state-administered, but are 100 percent federally funded.

Environmental, Operations and Maintenance (75% federal / 25% state)

Salaries	\$637,512
Utilities	876,833
Sustainment, Restoration, Modernization	484,267
Miscellaneous Expenses	<u>10,155</u>
Total O&M Expenditures	\$2,008,767

Federal Funded Agreements (100% federal)

Security Police	\$ 670,300
Fire Fighters	2,163,600
Real Property Manager	<u>82,500</u>
Total Federal Funded Agreements	\$2,916,400

Federal/State Breakdown

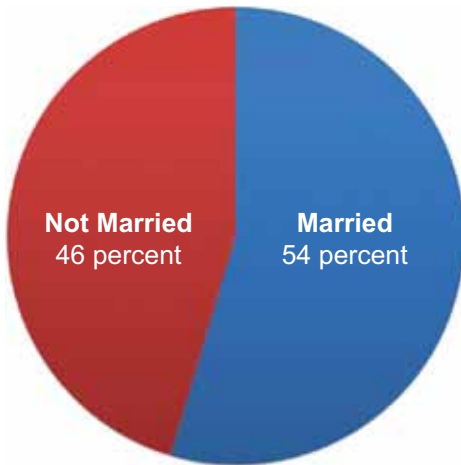


Personnel Demographics

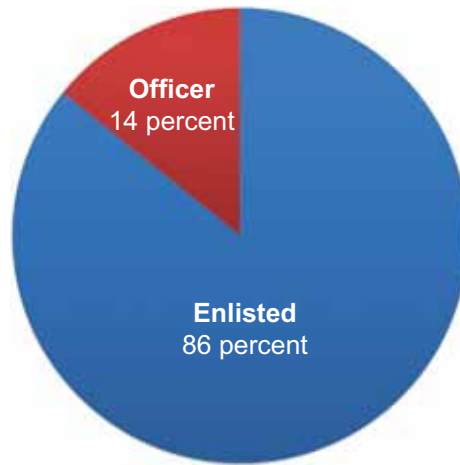
As Citizen-Airmen, members of the Maryland Air National Guard possess a myriad of civilian skills and areas of expertise. Combined with their military skill sets, this force multiplier makes the National Guard one of the most flexible, adaptable and capable components of the the military service. At the same time, National

Guardsmen bring the training, dedication and commitment to excellence learned in military service to their civilian communities as employees and volunteers, enhancing quality of life at home. This synergy of military training and civilian experience is one of the cornerstones of the Guard's success.

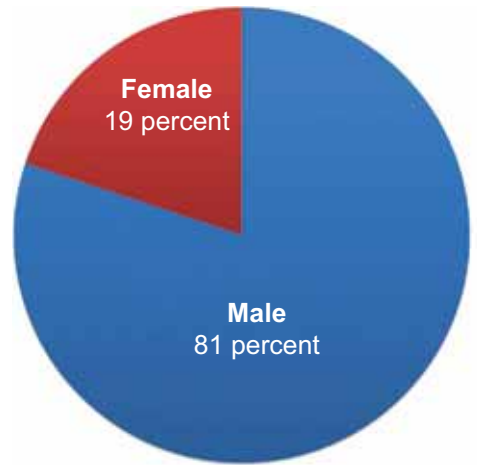
Marital Status



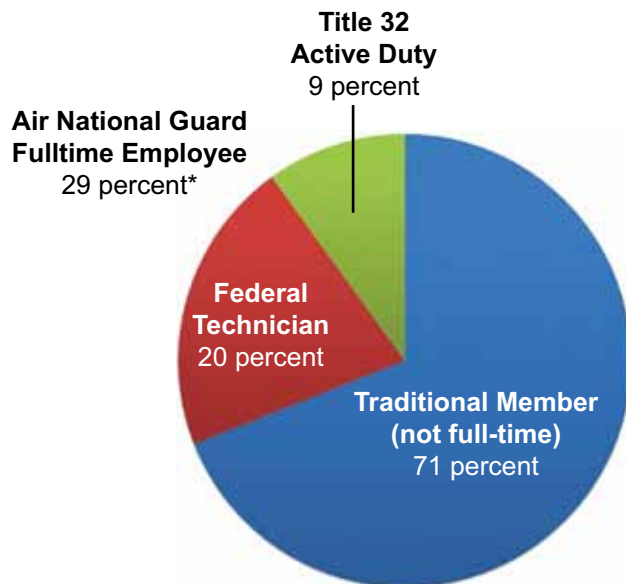
Rank



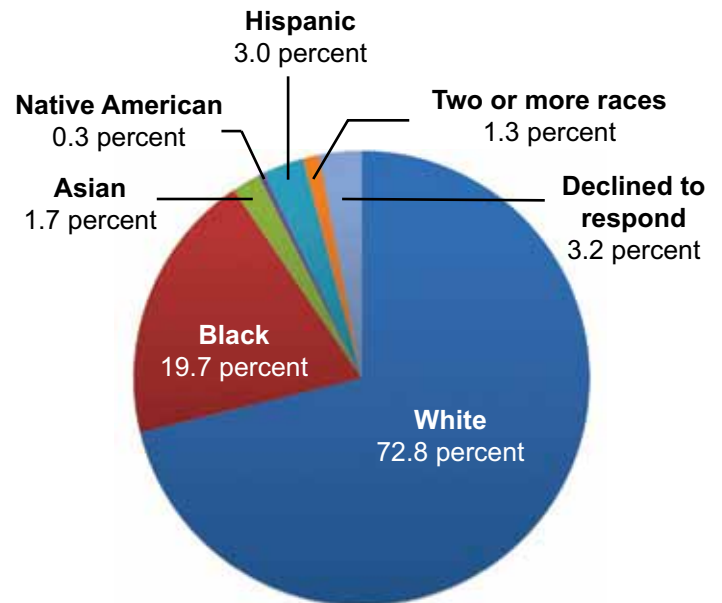
Gender



Employment Status



Race



* Does not include 53 non-dual-status state employees.

Relevant to today's needs

One of the most important roles our military plays is promoting peace and stability in regions recovering from violent conflict.

Supporting nascent democracies and addressing the needs of civilian populations is a major part of establishing such stability. In July 2008, 72 members of the Maryland Air National Guard deployed to formerly war-torn Bosnia-Herzegovina to help do just that.

Their mission, repairing a dilapidated primary school in a mountain village, was part of a civic-humanitarian construction project carried out under the auspices of the National Guard's State Partnership Program.

As the name implies, the program partners U.S. states with foreign governments to establish long term contacts in an effort to promote interoperability and support democratic institutions.

The deployment involved renovating the Vuk Karadzic primary school in the town of Vlasenica, located approximately 35 miles northeast of Sarajevo.

The Maryland Airmen gutted and renovated a 33,000-square-foot structure, renovated the electrical system and installed a smoke detection system, new public address system, back-up power generators, and ceilings. The engineers also made some minor plumbing and masonry repairs and installed new interior doors and windows.

"I cannot overstate the importance of the contributions of the State Partnership Program between Maryland and Bosnia-Herzegovina," Charles L. English, the U.S. ambassador to Bosnia-Herzegovina, observed during a visit to the school. "Each month they enhance their cooperation through sharing professional experiences and exchanges, such as this project."



photos by Capt. Wayde Minami



Above, Tech. Sgt. Brian Hicks and Master Sgt. Cathy Burns discuss how best to mount an electrical switch at a primary school in Vlasenica, Bosnia-Herzegovina, July 15, 2008, as part of a humanitarian civic action project. **Top Right**, Staff Sgt. Tory M. Greer, Senior Airman Robert E. Gillium and Staff Sgt. Rachael Sindelar install flexible conduit for a new electrical system at the school.

Maryland Air Guard Combat Aircraft

photo by Master Sgt. Lenny Melton



A-10C Thunderbolt II

Primary function: Close air support and airborne forward air control. **Speed:** 420 mph. **Dimensions:** Wingspan 57 ft. 6 in.; length 53 ft. 4 in.; height 14 ft. 8 in. **Range:** 800 miles. **Armament:** 30 mm seven-barrel Gatling gun; up to 16,000 pounds of mixed ordnance, including 500-pound Mk-82 and 2,000-pound Mk-84 series low/high drag bombs, incendiary cluster bombs, combined effects munitions, AGM-65 Maverick missiles, laser-guided/electro-optically guided bombs, and Joint Direct Attack Munitions; infrared countermeasure flares; electronic countermeasure chaff; jammer pods, 2.75-inch rockets; illumination flares and AIM-9 Sidewinder missiles. **Crew:** One. **Inventory:** 22

File Photo



C-130J Hercules

Primary function: Airlift. **Speed:** 417 mph. **Dimensions:** Wingspan 132 ft. 7 in.; length 97 ft. 9 in; height 38 ft. 10 in. **Range:** 1,841 miles. **Armament:** infrared countermeasure flares; electronic countermeasure chaff. **Crew:** Three. **Inventory:** 6

Aerial Bombs and Missiles



AIM-9 Sidewinder

Primary Function: Air-to-air missile.

Dimensions: Length 9 ft., 5 in., Diameter 5 in., Wingspan 2 ft., 3/4 in.

Warhead: Annular blast fragmentation warhead.

Launch Weight: 190 pounds.

Guidance System: Solid-state, infrared homing system.



CBU-87

Primary function: All-purpose, air-delivered cluster weapons system.

Dimensions: Length 7 ft. 9 in., diameter 15 in.



CBU-89 Gator

Primary function: 1,000-pound unpowered cluster munition weapon.

Dimensions: Length 7 ft. 8 in., diameter 16 in.



MK-82

Primary function: 500-pound free-fall, general purpose bomb.

Dimensions: Length 5 ft. 6.2 in., diameter 10.75 in.



GBU-12 Paveway II

Primary function: 500-pound unpowered, laser-guided bomb.

Dimensions: Length 10 ft. 9 in., diameter 11 to 18 in.

In addition to the weapons pictured here, Maryland A-10C fighters are capable of carrying 2.75-inch rocket pods, M-129 leaflet bombs, the LITENING II and Sniper targeting pods, MK-117 and MK-36 general purpose bombs, CBU-97 Sensor Fused Weapon and ALQ-131 and 184 radar jamming pods. The A-10C is also equipped with an internal GAU-8/A Avenger 30mm cannon capable of firing 3,900 rounds per minute.



AGM-65 Maverick

Primary Function: Air-to-surface guided missile.

Dimensions: Diameter 1 ft., Wingspan 2 ft., 4 in.

Launch Weight: AGM-65B/H, 462 pounds; AGM-65D, 485 pounds; AGM-65E, 777 pounds; AGM-65F, 804 pounds; AGM-65G, 670 pounds; AGM-65K, 793 pounds.

Guidance System: AGM-65B/H/K, electro-optical television; AGM-65D/F/G, imaging infrared.

Warheads: AGM-65B/D/H, 125 pounds, cone shaped; AGM-65E/F/G/K, 300 pounds delayed-fuse penetrator, heavyweight.



MK-84

Primary function: 2,000-pound free-fall, general purpose bomb.

Dimensions: Length 10 ft., 9 in., diameter 18 in.



GBU-10 Paveway II

Primary function: 2,000-pound unpowered, laser-guided bomb.

Dimensions: Length 14 ft. 4 in., diameter 15 to 18 in., wingspan 4 ft. 11 in.



GBU-38 Joint Direct Attack Munition (JDAM)

Primary Function: 500-pound unpowered, GPS/INS guided bomb.

Dimensions: Length (JDAM and warhead) 92.6 in., Wingspan 14 in.

Launch Weight: (JDAM and warhead) 558 lbs.

Munitions Nomenclature:

AGM	Air-to-surface Guided Missile
AIM	Air Intercept Missile
CBU	Cluster Bomb Unit
GBU	Guided Bomb Unit
GPS/INS	Global Positioning System/Inertial Navigation System
MK	Mark (General Purpose Bomb)



Ground Combat Weapons Systems



M4 Carbine

Primary function: Anti-personnel. **Length:** Buttstock closed 29.75 in., buttstock extended 33.0 in. **Weight:** 7.5 lbs. with 30-round magazine. **Bore diameter:** 5.56mm. **Maximum effective range:** Individual/point target: 1,625 ft., area target: 1,950 ft. **Cyclic rate of fire:** 700-970 rounds per minute.



M203 Grenade Launcher

Primary function: Anti-personnel. **Length:** 14.3 in. with 12 in. barrel. **Weight:** 3 lbs. **Bore diameter:** 40mm. **Maximum effective range:** Individual/point target: 495 ft., area target: 1,155 ft. (50 percent casualty rate of exposed personnel within a five-meter radius). **Rate of fire:** 5-7 rounds per minute.



M249 Squad Automatic Weapon

Primary function: Anti-personnel. **Length:** 40.75 in. **Weight:** 17 lbs. with bipod and tools. **Bore diameter:** 5.56mm. **Maximum effective range:** 3,281 ft. **Cyclic rate of fire:** 850 rounds per minute.



M240 Medium Machine Gun

Primary function: Anti-personnel. **Length:** 49 in. **Weight:** 27.1 lbs. **Bore diameter:** 7.62mm. **Maximum effective range:** Area target: 5,906 ft., point target: 2,625 ft. with tripod. **Cyclic rate of fire:** 650-950 rounds per minute.



M9 Pistol

Primary function: Personal defense. **Length:** 8.5 in. **Weight:** 2.55 lbs. with 15-round magazine. **Bore diameter:** 9mm. **Maximum effective range:** 163 ft.



M72 Light Anti-tank Weapon

Primary function: Anti-armor and anti-fortification. **Length:** Extended 34.67 in., closed 24.8 in. **Weight:** 5.5 lbs. **Bore diameter:** 66mm. **Maximum effective range:** Stationary 219 yards, moving 180 yards.



M870 Shotgun

Primary function: Personal defense. **Length:** 39 in. **Weight:** 8 lbs. **Bore diameter:** 12 gauge. **Maximum effective range:** 221 ft.



M18A1 Claymore Mine

Primary function: Anti-personnel. **Dimensions:** 8.5 in. long, 1.38 in wide, 3.25 in. high. **Weight:** 3.5 lbs. **Composition:** 700 steel spheres and 1.5 lbs of C-4 explosive. **Maximum effective range:** 162.5 ft.



A cornerstone of community support

The 175th Wing is committed to being an active and responsible member of the local community, both through official programs and by encouraging volunteerism amongst Maryland Air National Guard members.

During the past year, the 175th Wing conducted aerial flybys for state and local community events. In addition, the base conducted educational tours intended to enhance the public understanding of the Air National Guard for youth groups, civic leaders and community residents. Of special note, this year the wing was honored to provide personnel to serve as special police on the Capitol Mall in Washington, D.C., during the inauguration of President Obama.

The Maryland Air National Guard maintained its tradition of sponsoring and supporting the Maryland Wing of the Civil Air Patrol, the official auxiliary arm of the U.S. Air Force.

The wing and its members also continued to be active in supporting the Maryland National Guard Freestate Challenge Academy, a program for at-risk youth. Members of the 175th Wing were also active participants in the Maryland National Guard honor guard, which provided color guards for local patriotic events as well as funeral details for deceased veterans.

Wing members helped with a wide variety of charitable causes, including the annual Coats-for-Kids campaign, which collects winter clothing for families in need within the local community, and the Combined Federal Campaign, which enables members of the National Guard to directly contribute a portions of their paychecks to charitable causes.

Together, the men and women of the Maryland Air National Guard represent the best our communities have to offer, doing their best for our community.



Visit us online at www.175wg.ang.af.mil