

# *Cyberspace: New Domain of Warfare*



# 2013

## *The Chesapeake Guardian*

Almanac of the 175th Wing, Maryland Air National Guard



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**Fire Department Answers the Call**



**16-17**  
**Exercise Saber Strike**



**20-21**  
**Going for Gold**



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**135th Airlift Group Inactivation Ceremony**

## The Chesapeake Guardian Year in Review for 2013

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**Editorial Staff**  
**Commander:**  
Brig. Gen. Scott L. Kelly

**Public Affairs Officer:**  
2nd Lt. Benjamin Hughes

**Contributing Editors:**  
Maj. Brenda Reed, CAP  
Capt. Joe Winter

**Public Affairs Staff:**  
Senior Master Sgt. Edward Bard  
Master Sgt. Gareth Buckland  
Tech. Sgt. Christopher Schepers  
Tech. Sgt. David Speicher

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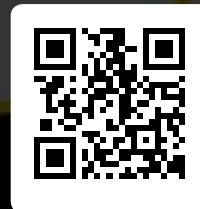
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# FEDERAL MISSION



THE AIR NATIONAL GUARD'S FEDERAL  
MISSION IS TO MAINTAIN WELL-TRAINED,  
WELL-EQUIPPED UNITS AVAILABLE FOR  
PROMPT MOBILIZATION DURING WAR  
AND PROVIDE ASSISTANCE DURING  
NATIONAL EMERGENCIES  
(SUCH AS NATURAL DISASTERS  
OR CIVIL DISTURBANCES)

# SENIOR LEADERSHIP

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



**Assistant Adjutant General–Air  
Brig. Gen. Allyson R. Solomon**

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 ANG Assistant to the Secretary of the Air Force, Manpower and Reserve Affairs and was recently appointed as a member of the Air Reserve Forces Policy Committee.

Brig. Gen. 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, Gen. Kelly served



**175th Wing Commander  
Brig. Gen. Scott L. Kelly**

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 full-time Active Guard/Reserve member. He was appointed to his current position in April 2012.

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, 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. Chief Hart was awarded a Community College of the Air Force degree in Aircraft Maintenance Technology. He was appointed to his present position in July 2009. Since 2013, he has held the position of Senior Enlisted Leader of the Maryland Air National Guard.



**State Command Chief  
Chief Master Sgt. Glenn D. Hart**

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



**175th Wing Command Chief  
Chief Master Sgt. Harold E. Stewart**

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., and his Community College of the Air Force degree in Transportation & Traffic Management. Chief Stewart has served in his present position since November 2009.

# AIR NATIONAL GUARD FIRE DEPARTMENT ANSWERS CALLS OUTSIDE GATE

by 2nd Lt. Jessica C. Donnelly  
29th Mobile Public Affairs Detachment

7/26/2013 - Baltimore -- A call comes in. A freight train has derailed in a neighborhood right outside Baltimore, it is on fire and black smoke can be seen for miles spreading across the city. More details are unknown at this point, but one thing is for sure, help is needed to control the blaze.

Members of the Maryland Air National Guard's 175th Fire and Emergency Services with the Martin State Airport Crash Fire Rescue Station at Warfield Air National Guard Base in Middle River, Md., answered that call May 28, along with first responders from across the county.

"These firefighters were ready within a moment's notice and did their part to help suppress the towering fire," explained Senior Master Sgt. Wayne Viands, 175th Fire and Emergency Services fire chief.

The firefighters were ready to risk their own lives in order to keep the surrounding community safe, and this wasn't the first time they've responded to emergencies taking place outside their gate.

"We have a good working relationship with the Baltimore County Fire Department, as well as the surrounding volunteer departments, and we respond to provide support to them whenever called to do so," said Viands. "Not long ago, we were called to a truck accident in the community, and using the 'jaws of life,' extricated the driver who was trapped inside."

This relationship is due to a mutual aid agreement with Baltimore County, which allows them to request help during times of crisis, said Staff Sgt. Michael Dowling, a lieutenant with the fire station. The Martin State Airport Crash Fire Rescue Station's jurisdiction includes the Warfield Air National Guard Base, as well as Martin State Airport, but if the county calls, these firefighters are ready to respond.

Additional incidents that the fire department members have responded to in the local community include other vehicle crashes and fires, as well as medical calls at Martin State Airport and even a carbon monoxide leak. Not all the



requests for support are emergencies, though. They have also participated in parades in the local area with their fire trucks, explained Dowling.

"This department has grown a lot in three years. It's expanded," said Dowling. "The past couple years, we've been communicating better, and that's why we've been getting more calls off-base."

While the fire department may be answering more calls in the surrounding communities, they also work to protect their fellow service members and respond to emergencies on-base on a regular basis. These incidents have mostly been medical calls and have ranged from heat and cold injuries, to falls and cuts, explained Dowling.

Additionally, the members of the 175th Fire and Emergency Services also fulfill their obligation to their country and are prepared to deploy in support of ongoing wartime contingencies, as well as natural disasters, said Viands. More than 10 firefighters recently deployed overseas, and in the past, firefighters supported Hurricane Katrina, to assist with humanitarian relief. They also remain current in their training to perform search and rescue operations in areas affected by natural and manmade disasters such as tornados, hurricanes, earthquakes or terrorist events.

All of the members of the fire department are required to be part of the Maryland Air National Guard and fulfill their one-weekend-a-month obligation to the military, but full-time members serve as civilians working as state employees.

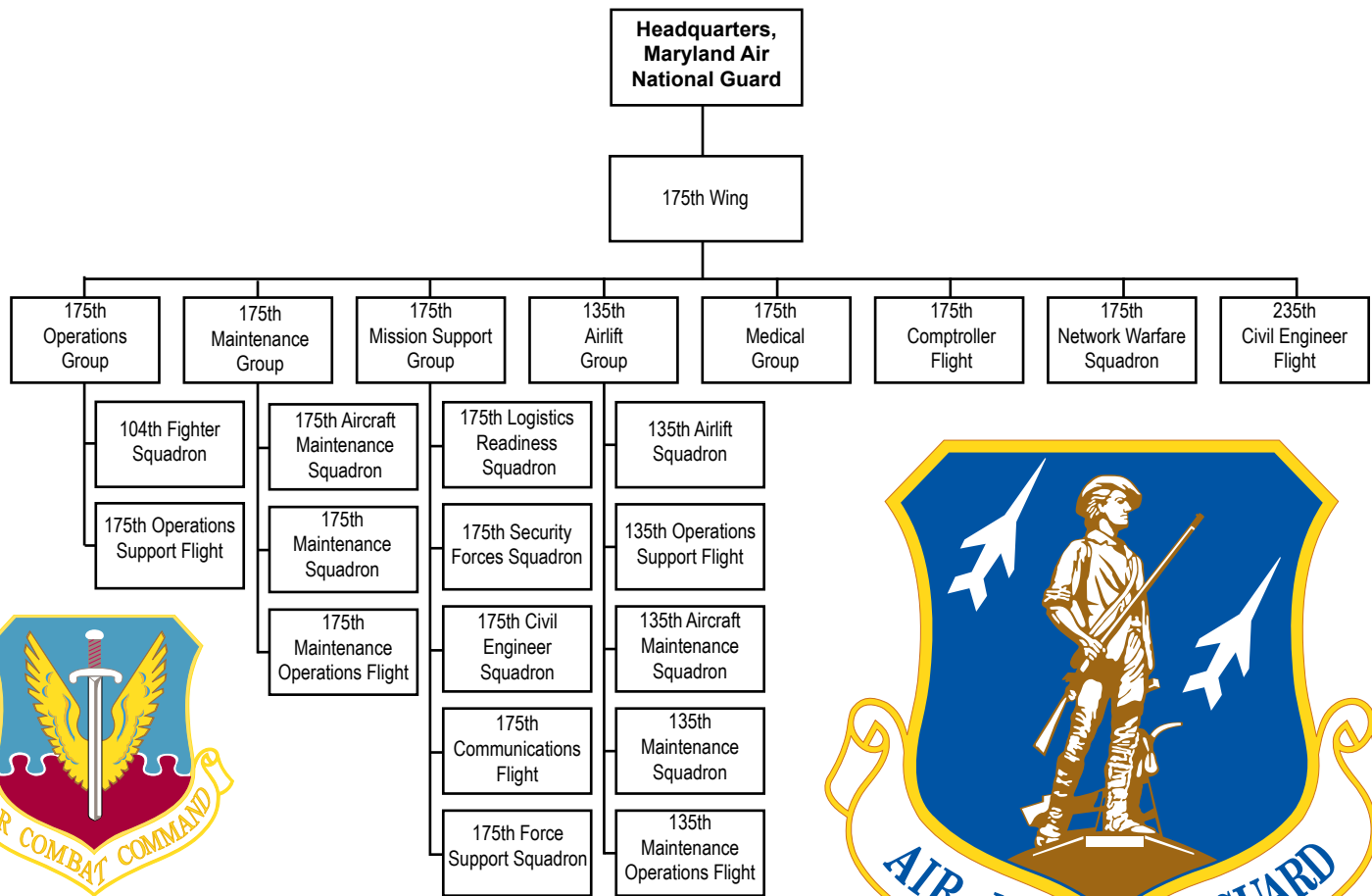
"You don't have to be a firefighter in the military to be a part of the fire department, you just have to be a member of the Maryland Air National Guard," explained Dowling, who works with the emergency management office here on military training weekends.

"Once they are a member of the Maryland National Guard, they will be sent to the Louis F. Garland [Department of Defense] Fire Academy at Goodfellow Air Force Base for 14 weeks to receive very rigorous and physically demanding firefighting training," said Viands.

"These firefighters are trained and ready to engage in fire suppression, rescue and other emergency or humanitarian operations when called upon to do so by the Maryland National Guard, the state of Maryland and the United States of America", added Viands.

One thing is for sure, if there is an emergency in the local community, members of the Martin State Airport Crash Fire Rescue Station are always ready for the call.

# ORGANIZATIONAL DIAGRAM



\* Pre-FY13 NDAA Force Structure Changes



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, the 235th Civil Engineer Flight and the 175th Network Warfare Squadron, 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 and the 175th Network Warfare Squadron is gained by the Air Force Space Command. These forces may be deployed worldwide.



## Federal Mission

The Air National Guard's federal mission is to maintain well-trained, well-equipped units available for prompt mobilization during war and provide assistance during national emergencies (such as natural disasters or civil disturbances). During peacetime, the combat-ready units and support units are assigned to most Air Force major commands to carry out missions compatible with training, mobilization readiness, humanitarian and contingency operations.

## State Mission

Under state law, the Air National Guard provides protection of life, property and preserves peace, order and public safety. These missions are accomplished through emergency relief support during natural disasters such as floods, earthquakes and forest fires; search and rescue operations; support to civil defense authorities; maintenance of vital public services and counterdrug operations.

## Local Mission

Participates in and supports community service projects and events throughout the local area through volunteerism and partnering with local business and government.



# HEADQUARTERS

In 2013, Joint Force Headquarters-MDANG (JFHQ-MDANG) supported the full spectrum of state and federal military taskings executed by units of the MDANG. The JFHQ-MDANG chief of staff served as the Dual-Status Commander for the 2nd annual Cyber Guard Exercise, hosted by the U.S. Cyber Command and involving the Army and Air National Guard, Army and Navy Reserves, National Security Agency, Department of Homeland Security, Federal Bureau of Investigation, state and local officials, and simulated industry partners. JFHQ-MDANG leadership worked closely with the 175th Wing leadership to mitigate the effects of the Air Force's divestiture of the C-27J program, and subsequent inactivation of the 135th Airlift Group.

The plans and programs branch published the MDANG Strategic Plan. This document provides an overarching vision for the MDANG and a pathway into the future to guide subordinate organizations in establishing their own plans and objectives. This plan is complemented by the MDANG Strategic Communication Plan, prepared by the state public affairs officer to provide an integrated, holistic approach to internal and external communication across the force. This branch continues to forge relationships with the Maryland Army National Guard, the Maryland Joint Staff, and the Maryland Emergency Management Agency.

JFHQ-MDANG managed many key personnel programs, including the Outstanding Airmen of the Year, Hometown Heroes, Senior Officer Career Management, Force Management and Selective Retention Programs. Significant changes to MDANG force structure made for a challenging year for the MDANG recruiting and retention team, with 264 members transferring to other components or retiring due to the inactivation of the 135th Airlift Group. Due to the tremendous efforts of everyone involved, all former 135th Airlift Group members that desired to remain a part of the MDANG were able to do so. The team also added 100 new members to the ranks this year and congratulations go to SSgt Alexandria Woodring for winning the Maryland Recruiter of the year for FY13 for her success in completing 30 accessions.

The Maryland Air National Guard human resources officer (HRO) directed all joint Maryland National Guard full-time human resource programs, supporting all Army and Air full-time employees and providing oversight and coordination on joint staff

personnel issues and reporting. This office also serves as the J-1 staff, providing support to the Maryland Joint Force Headquarters Joint Operations Center during federal and state emergency operations and exercises. Major changes to MDANG force structure and extremely uncertain budgetary issues drove activities this year.

The HRO was responsible for guiding HR activities related to the loss of nearly 100 full time technician and AGR members from the inactivation of the 135th Airlift Group. Movement of all these personnel was accomplished without resorting to Reduction in Force actions. Significant HR oversight was provided in the standup of two new MDANG organizations, the 175th Network Warfare Group and 175th Intelligence Squadron and the appointment and placement of key full-time leaders for these new organizations. The HRO was also responsible for the MDNG administration of two historically significant federal employee furloughs that impacted nearly all of the approximately 700 member MDNG technician workforce over the course of almost half the work year.

Four members of the state headquarters staff served as part of the joint 32nd Civil Support Team stationed at Fort Meade, Md. They provided Chemical Biological Radiological Nuclear Explosive (CBRNE) expertise in support of a variety of exercises.

At the national level, JFHQ-MDANG personnel include the commander of the Joint Prisoner of War/Missing in Action Accounting Command, the deputy director of the National Guard Bureau's Domestic Operations and Force Development, the deputy director for Nuclear, Homeland Defense, and Current Operations on the Pentagon Joint Staff, and the Air National Guard assistant to the Air Force assistant surgeon general for dental services.

At the Maryland National Guard (MDNG) level a member of the JFHQ-MDANG staff has been selected to serve as the first ANG member to be appointed as the MDNG Senior Enlisted Leader, a joint assignment advocating to the Adjutant General on behalf of all enlisted Soldiers and Airmen in the Maryland National Guard.

## **Assistant Adjutant General-Air**

### **Mission**

Serves as the principal advisor to the governor and adjutant general of Maryland on matters pertaining to the Maryland Air National Guard. Also serves as the commander of the

Maryland Air National Guard. The general is responsible to the adjutant general for the overall management of the flying program and ensuring the units of the Maryland Air National Guard are organized, equipped and trained to support federal and state missions.

## **State Command Chief Master Sergeant Mission**

Advises command leadership on quality-of-life issues and concerns of the enlisted Airmen. Forwards appropriate communication from National Guard Bureau command chief master sergeant to Maryland National Guard senior leadership. Forwards all concerns and issues to state and wing senior leadership or NGB command chief master sergeant, as appropriate. Active participant in the State Force Management Plan concerning enlisted members.

## **State Public Affairs Officer**

### **Mission**

Advises assistant adjutant general-air and senior staff on all aspects of public affairs. Directs state public affairs functions, including media relations, command information and website content. Supports ANG special and extraordinary news opportunities with local, national and international news media.

## **State Air Surgeon**

### **Mission**

The state air surgeon (SAS) is a qualified Air Force flight surgeon who enhances the ability of the ANG to properly perform its state and federal missions acting as the primary liaison between the assistant adjutant general-air, the adjutant general, the National Guard Bureau air surgeon and the medical units. The SAS works with the Army state surgeon and other SAS in the FEMA region to identify medical capabilities and to coordinate the use of medical assets for homeland defense and support to civil authorities.

## **State Judge Advocate**

### **Mission**

Delivers professional, candid, independent counsel and full-spectrum legal capabilities to the assistant adjutant general-air, HQ staff and commanders.

# 175TH WING AND SUBORDINATE UNITS

The 175th Wing continued to deploy personnel all over the world in 2013. Through many challenges the wing proved to be a ready and reliable group of airmen that would be ready to answer the nations call at a moments notice. The wing proved ready through meeting the challenges of a Unit Compliance Inspection and a Health Services Assessment.

The 135th Airlift Group continued to remain a professional and well trained organization within the Maryland Air National Guard. In a year that saw the C-27J inactivated from the wing the members of the airlift group maintained a level of professionalism and kept up with training making them a relevant and effective part of the MDANG. When called upon they answered the call and performed admirably in providing relief efforts to parts of New York and New Jersey that were hit the hardest by Super Storm Sandy. Throughout the year they flew a total of 707 hours. They carried out 16 missions totalling 158 hours. They transported 181 passengers and air dropped 24 people. They carried and delivered a total of 12 tons of cargo in 2013.

The 175th Operations Group and 175th Maintenance Group successfully deployed 4 A-10C aircraft and 37 personnel to Exercise Saber Strike in support of a strategic training

exercise in Estonia. This mission will build a close and lasting relationship with the Estonian Air Forces. The 175th Operations Group participated in their first Virtual Flag exercise. Virtual Flag is a large combat employment exercise conducted in a virtual battlespace. It is designed to provide operational and tactical warfighter training in a combat environment. The 175th Maintenance Group continued modifications and upgrades to the A-10 with Suite 7B which included the Helmet Mounted Cueing System (HCMS) and the LARS v12 CSAR radio. The men and women of both the 175th Maintenance and Operations Group are the true heroes in achieving mission milestones and are committed to adapting to ever-changing mission needs.

The 175th Network Warfare Squadron coordinated international cyber defense familiarization, awareness, and training and provided short and long term process improvements to the Country of Estonia's Cyber Defense League. The squadron provided guidance to their newly created Cyber Defense League which resulted in full utilization of their volunteer civilian cyber experts providing computer network defense for their country. In addition, the squadron mentored senior advisors within the Estonian Ministry of Defense to leverage their commercial sector to contribute to the Estonian National Cyber Defense posture. The 235th Civil Engineering

Flight once again deployed to Afghanistan and designed and executed numerous projects enhancing both military infrastructure and civilian quality of life.

The 175th Wing continues to successfully execute expanded wartime and peacetime missions with outstanding professionalism, knowledge, and technical skills that directly contribute to meeting state missions and national defense strategic objectives.

## Federal Mission

To maintain trained and equipped combat/ combat support forces ready for mobilization, deployment and employment as needed to support national security objectives.

## State Mission

To support the Governor of the State of Maryland with units organized, equipped and trained in the protection of life and property, preservation of peace, order and public safety. These missions are accomplished through emergency relief support during natural disasters; joint reception, staging and onward integrations; search and rescue operations; support to civil defense authorities; maintenance of vital public services and counterdrug operations.

## Personnel

Officers: 192      Enlisted: 1222

## WING HEADQUARTERS

During 2013, the wing headquarters staff continued to provide leadership and staff support to the full spectrum of wing operations.

The legal team supported the wing's personnel by delivering professional, candid, independent counsel and a wide range of legal capabilities to the command and the warfighter. They also provided service members and retirees counseling on topics including wills, notaries, and power of attorneys.

Public affairs office personnel continued to enhance and advocate the 175th Wing and air, space, and cyberspace capabilities through traditional and non-traditional integrated and synchronized media, marketing, and civic outreach. In 2013, wing PA won awards in two categories of the NGB PA Media Contest.

The chaplain office hired a full-time wing chaplain. By doing this they were able to provide added care to all airmen assigned to Warfield Air National Guard base. The chaplain team offered a variety of opportunities for individuals interested in joining the religious community including worship services,

religious education, fellowship, and study groups.

The wing safety office continued to provide

an aggressive safety program therefore preventing safety mishaps on base. The Wing safety team is always out and about the base providing safety guidance and leadership.



Col. Randolph Staudenraus explains the wings capabilities to guests during a base tour





175th Services Flight Group Photo

### 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

Commander: Brig Gen. Scott Kelly

Vice Commander: Col. Randolph Staudenraus

Executive Officer: Capt. Joseph Winter

Officers: 3 Enlisted: 2

### Chaplain Services

#### Mission

Serves as a visible reminder of the Holy, providing spiritual care and opportunities for members and their families to exercise their constitutional right to freedom of religion. In addition, the chaplain's office facilitates and models ethical leadership to promote a positive influence upon the morale and decision-making based not only on what is legal, but what is right.

#### Personnel

Wing Chaplain: Lt. Col. Ivan Williams

Officers: 5 Enlisted: 2

### Command Post

#### Mission

Provides command and control which aids in the facilitation of the primary base mission. The Command Post delivers accurate and complete information to senior leadership. Conducts emergency operations, controllers perform daily procedures including the operation and monitoring of voice, data, and alerting systems. The Command Post provides a state of readiness to activate all Maryland Air National Guard personnel when ordered to do so by the President or Governor.

#### Personnel

NCOIC: Master Sgt. Marie-Elena Carroll

Officers: 0 Enlisted: 4

### 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: Lt. Col. 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

Director EO: 2nd Lt. Jorge Machuca

Officers: 1 Enlisted: 1

### Public Affairs

#### Mission

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

#### Personnel

Chief of PA: 2nd Lt. Benjamin Hughes

PA Superintendent: Senior Master

Sgt. Ed Bard

Officers: 1 Enlisted: 5

### 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. Stephen Cowart

Officers: 2 Enlisted: 3

### 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: Maj. Timothy Fitzpatrick

Officers: 1 Enlisted: 1



Col. Steve Benden poses with foreign military members during a base tour

# 175TH OPERATIONS GROUP

**D**uring 2013, the group's personnel continued to train for all aspects of their job to remain eligible to be world-wide deployable. The training continued in a year that presented different challenges including sequestration and a Consolidated Unit Inspection. Throughout these challenges the 175th Operations Group maintained professionalism and their willingness to do whatever it takes to get the job done.

In June, the group sent four aircraft and 81 personnel to Estonia to participate in Exercise Saber Strike, a EUCOM Close Air Support exercise, with our Baltic partners. The joint exercise demonstrated the partnership between Maryland and our counterpart in Estonia.

The operations group sent six A-10's and a total of 90 personnel to Nellis AFB to support the A-10 Weapons School Combat Search and Rescue (CSAR) phase. They flew as both CSAR assets and as supporting strike assets for the schools syllabus. During the deployment, the group accomplished qualifying some of their pilots in CSAR sorties. As a result of this deployment, 100 percent of the pilots in the operations group are CSAR qualified.

The Operations Group also qualified their pilots in Dry Lakebed (Austere Airfield) operations in a deployment to Nellis AFB. They sent four A-10s and 36 personnel to this deployment. Dry lakebed training is a special requirement for the A-10 and they were able to qualify 14 pilots in unimproved surface operations. The group has the most qualified A-10 pilots in this training in the Air Force.

The group participated in Virtual Flag 13-4 and 14-1. They sent 10 pilots to the exercise which is performed at home station by linking pilots into a network of simulators around the world. The Group received an Excellent in the Consolidated Unit Inspection. The Intel



A-10 Crew Chief performing pre-flight checks

and AFE shops were "Superior Performers" for the group. Tech. Sgt. Seth Randleman was named the 175th Wing NCO of the year for his performance in the year and during the UCI.

## 175th Operations Group

### Mission

Ensures combat mission ready forces are properly organized, trained and equipped for on call worldwide combat deployments. Forces include intelligence, aircrew flight equipment, airfield management, aviation resource management and A-10C attack pilots. Ensures mission accomplishment in the A-10C to include close air support, forward air control, combat search and rescue, and maritime interdiction with all-weather and night precision capability.

### Personnel

Commander: Lt. Col. Paul Johnson

Officers: 3      Enlisted: 1

## 104th Fighter Squadron

### Mission

Provides highly trained and equipped

combat mission ready forces prepared for worldwide mobility commitments. Employs 22 A-10C aircraft in a multitude of missions to include close air support, forward air control, combat search and rescue, and maritime interdiction with all-weather and night precision capability.

### Personnel

Commander: Lt. Col. Paul Zurkowski

Officers: 24      Enlisted: 9

## 175th Operations Support Flight

### Mission

Provides intelligence, aircrew flight equipment, airfield operations and aviation resource management training, as well as aircrew training and scheduling to maintain and ensure support for 22 A-10C aircraft. Ensures squadron and group readiness to accomplish combat missions worldwide.

Commander: Lt. Col. Jeffrey Bonner

Officers: 12      Enlisted: 30

# 175TH MAINTENANCE GROUP

**T**he 175th Maintenance Group (MXG) successfully deployed four A-10C aircraft and 37 personnel to Exercise Sabre Strike in support of a strategic training exercise in Estonia - effectively building a close and lasting relationship with the Estonian Air Forces. After the unit's return, focus shifted toward preparing for a demanding, multi-faceted Consolidated Unit Inspection. The group was able to achieve a successful rating on all parts of the inspection while juggling sequestration and severely limiting budget restraints. Additionally, the group repeatedly



A-10 Crew Chief sending off a pilot

volunteered to support sister-unit Staff Assistant and Logistical Compliance inspections - helping to ensure future compliance with Air Force and Air National Guard instructions. On-going modernization of on-board combat systems continues with the implementation of upgraded avionics systems and support of the Enhanced Wing Assembly program. The men and women of the group are the true heroes in achieving mission milestones and are committed to adapting to ever-changing mission needs in the coming year.





Senior Master Sgt. McNabb explains the A-10 to foreign military members

### 175th Maintenance Group

#### 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: Col. Edward Jones

Deputy Commander: Lt. Col. Tom Donnellan

Officers: 3      Enlisted: 18

### 175th Maintenance Operations Flight

#### Mission

Provides maintenance control and support services for over 400 personnel and 21 combat aircraft. Support activities include maintenance control, planning, scheduling, training, trend analysis, and mobility management.

#### Personnel

Commander: Capt. Chad Etchison

Officers: 1      Enlisted: 21

### 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. Lee Vanderhoof

Officers: 4      Enlisted: 159

### 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. Steve Harrigan

Officers: 3      Enlisted: 253



175th Wing members and family participate in the 9/11 5k run

## 175TH MEDICAL GROUP

The 175th Medical Group Airman are empowered with a vision for mission success that incorporates the goals and objectives of the Air Force, Air National Guard and the State of Maryland. Established education and training coupled with actual field experience makes the 175th Medical Group ready, reliable, and relevant to carry out the full spectrum of current and future assigned missions. The medical group trains for expeditionary and homeland contingency deployments. They also carry out officer and enlisted career management to its assigned members.

During 2013, the 56 professional members of the 175th Medical Group rallied together to lead the way to meet and exceed superior standards. The Executive Management

Committee and the non-commissioned officers instituted new procedures and practices preparing for the compliance inspection and ultimately scoring a merited "Excellent" rating of 90. In addition, the 175th Medical Group's Public Health and Bioenvironmental offices teamed with other wing agencies to maintain the safety of wing personnel, receiving an overall "Compliant" rating on the Environmental Safety Occupational Health Compliance Assessment Management Program.

The 175th Medical Group provided timely clinic visits to over 1,300 patients strengthening the Individual Medical Readiness and successfully processed over 350 deployment health assessments in support of wing personnel who have returned from deployment.

#### Mission

The 175th Medical Group provides the Maryland Air National Guard and Combatant Commanders with medically qualified airman by implementing the best AF processes to support flight medicine, preventive medicine, occupational medicine, and other medical functions.

#### Personnel

Commander: Col. Charlie D. Thigpen

Officers: 21      Enlisted: 35



# 175TH MISSION SUPPORT GROUP

In 2013, the mission support group was business as usual during a year with several fiscal challenges that directly affected mission capabilities. While dealing with these hardships, the mission support group was able to prevail in accomplishing many tasks in order to prepare for the Consolidated Unit Inspection.

At the conclusion of the Consolidated Unit Inspection many members of the group were recognized for outstanding performance. Five members of the logistics readiness squadron, three members of the communications squadron and one member of the civil engineering squadron were recognized as outstanding performers. Fourteen members of CE, five members of SFS and 3 members of FSS were recognized as superior teams. One member from FSS and one member of CS were presented with an ACC IG Coin.

The 175th Civil Engineering Squadron was the oversight for on base Military Construction projects totaling over \$15 million. The projects included a \$12 million, 37,500 square foot Operational Readiness and Medical Training Facility consisting of a two- and a three-story building and a \$2 million, 3,510 square foot A-10 simulator facility with a two bay simulator room. The 175th Civil Engineering Squadron also sent fire personnel to participate in a

nationwide Fire and Rescue Services USAF team exercise called "Vigilant Guard."

175th Security Forces deployed six personnel to Estonia in support of Exercise Saber Strike and performed integrated defense

Mission support group Airmen continue to support the Honor Guard, who recently participated in the 135th deactivation ceremony, the satellite academies and other morale activities at the all ranks club.

Many education achievements were accomplished by 175th Mission Support Group members. Nine members graduated from the NCO academy and eight members graduated from the Airman Leadership School. One Chief graduated from the Executive Seminar. The group had one officer graduate from Squadron Officer School and another from the Intermediate Development Course.

The mission support group was very active in deployments during 2013. Five members received the Air Force Combat Action Medal while deployed to Afghanistan. Three members

received the Navy Achievement Medal and one member received the Navy Achievement Medal while deployed to Bahrain. Three group members received the Air Force Commendation Medal; one member received an achievement medal and one member received a Meritorious Service Medal.

## 175th Mission Support Group

### Mission

The 175th Mission Support Group provides mission-ready security, civil engineering, logistics readiness, communications, force support and contracting capabilities for peacetime and wartime missions. During peacetime we organize, train and equip our Airmen for our wartime mission and maintain readiness for mobilization while maintaining a robust domestic operational capability. In wartime, we extend the capabilities of combatant commanders through our mission support expertise.

### Personnel

Commander: Col. Steven Benden  
Deputy Cdr: Lt. Col. Nashid Salahuddin  
Officers: 3      Enlisted: 9

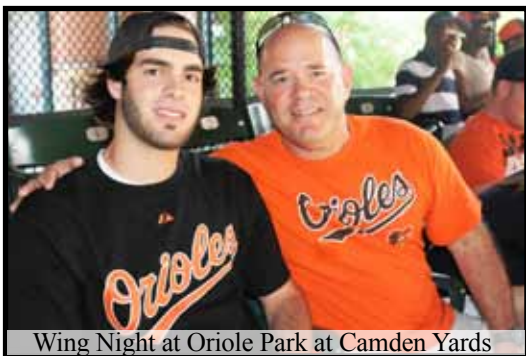


Hero 2 Hired visits Warfield Air National Guard base to advise airmen

with Estonian Security Forces. The squadron was invited by the United States Embassy staff assigned to Sarajevo, Bosnia-Herzegovina, to provide force protection training to Bosnia-Herzegovina military, which enhanced the wing's partnership capabilities. A security forces NCO and SNCO founded and facilitated the Maryland National Guard Inaugural 9/11 Memorial 5K and raised over \$6,000 for the Wounded Warrior Project.



Special volunteers hand out magnets at the dining facility



#### Personnel

Commander: Maj. Lewis E. Warner, Jr.  
Officers: 4 Enlisted: 102

#### 175th Communications Flight

##### Mission

Provides professional and reliable communications capabilities in support of the 175th Wing, the state and nation, including radios, computers, video, telephones and wireless services, in garrison and deployed.

#### Personnel

Commander: Lt. Col. Brian Sproul  
Officers: 2 Enlisted: 30 Civilian: 1

#### 175th Force Support Squadron

##### Mission

Responsible for enhancing total force readiness by providing world-class combat and community support through delivering superior morale, welfare, recreation, manpower, and personnel services for the Maryland Air National Guard community and their families.

#### Personnel

Commander: Maj. Deera Herron  
Officers: 4 Enlisted: 61

#### 175th Security Forces Squadron

##### Mission

The mission of the 175th Security Forces Squadron is to provide trained, dynamic, and capable Security Forces to the Combatant Commander and the State of Maryland. The unit will provide world class force protection, law enforcement, and investigative support. We will be experts in our chosen field. We will be ever vigilant and ready to respond to any threat. We will be aware of our operational environment. We will be unbiased, professional, courageous, fit, prepared, and dedicated to our mission. We will be unyielding in our pursuit of excellence. We will develop our Airmen, NCOs, and officers to be the best leaders in the United States Air Force.

#### Personnel

Commander: Capt. Matthew S. Tower  
Officers: 2 Enlisted: 116

#### 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. Walt L. Moddison  
Officers: 4 Enlisted: 96

#### 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 in the direct support of Total Force and Domestic Operations such as the distribution of Strategic National Stockpile assets. Additionally, the unit provides the capability to generate and assist in the deployment of assigned forces.



Participants in the 9/11 5k run put on their number bibs at the registration tent

## 175TH NETWORK WARFARE SQUADRON

The 175th Network Warfare Squadron continued supporting the state and national level cyber efforts in combating malicious threat intrusions. Through training engagements and exercises with the United States Air Force, United States Cyber Command (USCYBERCOMM), the State Partnership Program, and state government offices the unit fostered increased awareness of cyber threat capabilities.

Two members of the unit were "coined" by

commander USCYBERCOM for the outstanding support provided during national level cyber exercises - Cyber Flag 13-1 and Cyber Guard 13-1. The unit is recognized as a premier squadron within the National Guard's cyber arena and selected for expansion with additional growth expected.

##### Mission

Provides cyber 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 cyber operations requirements and capabilities.

#### Personnel

Commander: Col. Matthew Dinmore  
Officers: 26 Enlisted: 87



# 135TH AIRLIFT GROUP

**I**t has been a very eventful and busy year for the 135th Airlift Group. From sequestration and the pending inactivation of the 135th Airlift Group all members of the group maintained a level of professionalism and dedication to the mission that is second to none. While maneuvering through these obstacles throughout the year the airlift group maintained their training and maintenance schedules as to be prepared for any mission that may arise. The airlift group flew missions within the United States providing airlift and

C-27J not only from the 175th Wing but from many bases that were inactivating the aircraft. The 135th Airlift Group and the 175th Wing housed and maintained C-27J aircraft from various locations within the United States. Due to scheduling conflicts the 135th housed aircraft from Waco, Texas. The aircraft were scheduled to be flown to Battle Creek but were maintained by the 135th until they could be flown to this destination. The 135th was inactivated on September 30.

## 135th Airlift Group

### 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: Col. Thomas E. Hans  
Deputy Cdr Ops: Lt. Col. Michael Lunt  
Deputy Cdr Maint: Lt. Col. Todd Wilkinson  
Officers: 5                      Enlisted: 13

## 135th Airlift Squadron

### Mission

Maintains combat-ready aircrew and aircraft to mobilize, deploy and provide intra-theater 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. James M. Mentges  
Officers: 27                      Enlisted: 46

## 135th Operations Support Flight

### Mission

Provides intelligence, tactics, aircrew training, current operations, airfield management and aircrew resource management services to a C-27J squadron, ensuring wing readiness to accomplish airlift missions worldwide.



135th Airlift Group responds to Super Storm Sandy

support operations for New York and New Jersey after Super Storm Sandy wreaked havoc on the east coast.

All members stayed current on all training requirements so they were ready at a moment's notice to perform any mission that came about. The airlift group flew a total of 707 hours while carrying out 16 missions totalling 158 hours. The airlift group carried passengers all over the country and performed many cross-country flights. They carried a total of 181 passengers and air dropped 24 personnel. When the airlift group was called to move cargo they stepped up to the plate moving a total of 12 tons of cargo.

After Super Storm Sandy hit the east coast the 135th Airlift Group performed admirably in a mission to bring relief to regions effected by the storm. On less than 24 hours notice the group was part of a team that picked up and transported generators to parts of New Jersey and New York that were in desperate need of assistance.

The 135th Airlift Group played an instrumental part in the divestiture of the



135th Airlift Group loadmaster's load a generator onto a C-27J



### Personnel

Commander: Lt. Col. Gordon A. Kinney  
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: Vacant  
Officers: 4 Enlisted: 48

### 135th Maintenance Squadron Mission

Ensures authorized a C-27J 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. Julie P. Curlin  
Officers: 2 Enlisted: 14

### 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: Vacant  
Officers: 1 Enlisted: 19

## 235TH CIVIL ENGINEERING FLIGHT

The 235th CEF wrapped up an incredibly successful year providing outstanding engineering and fire protection support to combatant commanders and Headquarters staff.

The 235th supported Exercise Patriot 2013 in July 2013 at Volk Field, Wis and Ft. McCoy, Wis. Patriot is a National Guard exercise that tests the Guard's ability to support local and state first responders in support of multiple emergency situations, to identify strengths and weaknesses in current emergency response plans. More than 1,100 military members and civil authorities participated.

The 235th CEF completed critical tasks for HQ United States Air Forces in Europe at RAF Fairford in England and Moron Air Base in Spain in September 2013. At RAF Fairford, the unit reviewed and validated the annual airfield waiver package submissions for the installation. At Moron, we developed a beddown plan for a Marine quick-reaction battalion.

The 235th CEF assisted the Pentagon's

Joint Chiefs of Staff (JCS) Engineer Division with management of the Exercise Related Construction (ERC) Program. The ERC program is a JCS construction program that provides funding for construction of facilities overseas in support of joint exercises. These projects are typically constructed using military troop labor to provide construction experience to military engineer forces. The 235th CEF analyzed ERC program quarterly reports, assisted with planning and execution of the annual ERC conferences, and drafted a revision to the ERC program governing instruction (CJCSI 4600.02A).

The 235th CEF provided engineering support services to our host base, the 175th Wing, by reviewing construction submittals and performing quality assurance for the Operations, Training, and Medical Facility at Warfield Air National Guard base. The 235th CEF also performed design reviews for the renovation of the existing 175th Wing Headquarters building.

The 235th CEF provided support to the

Maryland Joint Force Headquarters by creating memorandums of understanding (MOUs) from the Joint Reception, Staging, and Onward Integration (JRSOI) surveys that the unit conducted last summer. The MOUs will enable the use of key airfields for JRSOI missions. Additionally, the unit surveyed ingress and egress convoy staging areas for the JRSOI sites.

The 235th CEF also redesigned the planned tent city locations for the Warfield ANGB JRSOI plan due to new constructions.

### Mission

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

### Personnel

Commander: Col. Rebecca A.N. Bahm  
Officers: 26 Enlisted: 8

## 175TH COMPTROLLER FLIGHT

The 175th Comptroller Flight is the hub of our financial section they processed over 43,525 military pay transactions and 2,450 travel pay transactions.

### Mission

Provides management and oversight of financial resources to facilitate Wing mission accomplishment within statutory limitations. Ensures airman and civilian technician employees receive their pay and allowances accurately and timely. Coordinates with the Defense Finance and Accounting Office to ensure commercial vendors are properly paid.

### Personnel

Comptroller:  
Lt. Col. William York, III

Officers: 2  
Enlisted: 13  
Civilian: 1



Unit Consolidated Inspection Results

# EXERCISE SABRE STRIKE



Exercise Saber Strike was a multinational exercise involving approximately 2,000 personnel from 14 countries and is designed to improve NATO interoperability and strengthen the relationships between military forces of the U.S., Estonia and other participating nations. The exercise took place in Estonia, June 2013. Photos by Staff Sgt. Benjamin Hughes



# ABRE STRIKE

Helsinki  
Ostrov Gogland  
Ostrov Moshchnyy  
Ostrov Lesnoy  
Lithuania with the USSR are expected to be confirmed by agreement.  
60





# OFFICIAL INSIGNIA



**Headquarters,  
Maryland Air National Guard**



**175th Wing\***



**135th Airlift  
Group**



**104th Fighter  
Squadron**



**135th Airlift  
Squadron\***



**135th Maintenance  
Squadron**



**175th 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.

# STATE MISSION



THE AIR NATIONAL GUARD PROVIDES PROTECTION OF LIFE, PROPERTY AND PRESERVES PEACE, ORDER AND PUBLIC SAFETY. THESE MISSIONS ARE ACCOMPLISHED THROUGH EMERGENCY RELIEF SUPPORT DURING NATURAL DISASTERS SUCH AS FLOODS, EARTHQUAKES AND FOREST FIRES; SEARCH AND RESCUE OPERATIONS; SUPPORT TO CIVIL DEFENSE AUTHORITIES; MAINTENANCE OF VITAL PUBLIC SERVICES AND COUNTERDRUG OPERATIONS.



# GOING FOR GOLD



by Tech. Sgt. David Speicher  
175th Wing Public Affairs

5/5/2013 - BALTIMORE -- On July 5, 2011, Senior Airman Gideon L. Connelly, repair and reclamation crew chief, 175th Maintenance Squadron, was involved in a motorcycle accident in Baltimore County with serious damage to his left leg. The doctors told the Maryland Air National Guardsman if he kept his leg, it would leave him with limitations to what he could do. However, if the leg was replaced with prosthesis, his abilities would significantly increase.

On Sept. 16, 2011, Connelly chose to have the leg removed below the knee.

"(When the accident happened) I was upset. I didn't think I would be able to return to work. I didn't understand how it would affect my life. I was scared," said Connelly. His friends were scared but supportive. "They didn't know how to help. My family stuck by my side and is very supportive."

Connelly started a rehabilitation process to walk, and then run

with the goal of staying in the military.

Around Thanksgiving 2011 he started walking and progressed to running October 2012.

Running means a lot to him. "I want to inspire people. It is a great opportunity. I am blessed to come back and do what I can do now after a horrific accident," said Connelly.

Before the accident he lifted a lot of weights and did some distance running for physical training; now he runs sprint races.

Connelly competed in the Texas Regional Games which are used for qualifying for the Paralympic Nationals in San Antonio, Texas June 14-16. He will, however, compete in the Endeavor Games at the University of Central Oklahoma June 6-9 to make a second attempt at qualifying in the 200m for the Paralympic Nationals.

"My goal for now is to make the nationals. In the time frame I have I will probably not win nationals. I am a beginner at running and at this point I do what I can do," said Connelly. His goal is to win nationals in a future year with the ultimate goal of the 2016



Paralympic games in Rio de Janeiro, Brazil.

"I would like to stay in the military and compete for the Air Force team. I would like to work down at Walter Reed as a physical therapist," he said. Most wounded military members with amputations go to Walter Reed Military Hospital in Bethesda, Md, to receive and learn how to use their prosthesis.

To stay in the military, "I had to do a PT test and prove to medical that I can do my job without assistance. The worst part was the paperwork. I had to prove myself to the base medical review board," said Connelly. His next step is to be medically worldwide deployable.

Lt. Col. Tom Donnellan, deputy commander, 175th Maintenance Group, talked about Connelly's progress to stay in the military. "He has to do what all Airmen would do to stay in the military."

"I couldn't imagine waking up one morning missing a limb. He has been able to overcome it. The military has seen a lot of this," said Donnellan. "Losing your limb affects your whole life. He was in good physical shape to begin with. He had the mental capability to deal with the accident. He trained to do his job with his limitations."

"He is a young troop and no one wants this to happen. He is squared away and knows what he needs to do to stay in the game," he said.

He is also participating in a study by the University of Florida on prosthesis. The study helps develop the devices not only for him but also for others who need the devices.

He is testing three mechanical feet. They put him on an obstacle course that the Tampa police SWAT uses which includes walking/running on treadmills. The performance of the foot is then evaluated under these conditions. During these tests, his vital signs are monitored to see how his body works with the devices. "The study is to see how the different feet perform in stress related conditions," said Connelly.

Donnellan likes that Connelly is working to improve prosthesis that both civilians and military members may use in the future. "I hope by working the kinks out of the new prosthesis, it will benefit him and others."

Although Connelly has received support from a lot of people, one person stands out: Tech. Sgt. Kandyce O'Meally.

"I saw him walking around with a prosthetic leg and I didn't know who he was. I approached him and asked him if I could ask him a few questions. We started talking and I discovered he was into track. I learned he wanted to go to Rio in 2016 - the Paralympic games in Rio de Janeiro, Brazil," said O'Meally. She is a main-

tenance management data analyst in the 135th Maintenance Operation Flight.

"I asked how he was going to do it and what his plans were. In the conversation, I let him know I had some contacts in the track world from when I trained during college," she said. She got him in contact with someone on the Paralympic committee.

"She helps me out at times when I need it. I have a lot of paperwork to fill out and she helps me out with that. She is a great person. She helps me out when I am down. She gives me motivation. She is a great hearted person," said Connelly.

"I see a hard working kid. I see a kid with a lot of motivation and drive. He is never down. Life dealt him a hand, not a bad hand, not a good hand. Just a hand and he plays it well," said O'Meally.

"I think she has been very beneficial to him. She has given him the backup, support and guidance to get where he is today," said Donnellan.

Donnellan summed up Connelly's potential, "It's whatever he wants to make of it. He is on the right track. He can go as far as he wants to."

Connelly has good advice for anyone who has lost a limb. "Keep your head up. Don't let anything discourage you. It is a mind over body experience. If you keep your head in the right place you can do anything you want."



# SUPPORT ORGANIZATIONS

## Airman and Family Readiness Program

The Airman and Family Readiness Office (A&FRO) provided pre-deployment and post-deployment briefings for service members and their families throughout 2013. In addition, it has offered annual family readiness briefings, workshops on financial fitness, and pre-separation counseling. A&FRO meets regularly with the 175th Student Flight to welcome new members. Key volunteers continue to be a force multiplier for the A&FRO. The volunteers work at unit level to better facilitate communication and assistance between families and the Maryland Air National Guard. Trained and appointed volunteers assist with providing sustainment support to families during deployments. A&FRO continues to collaborate with the Maryland Army National Guard Family Programs on joint activities and events. MDNG Child and Youth Program continues to provide our ANG youth with plenty of activities such as the summer camp "Homefront Challenge," MDNG Teen Council, "Drop and Shop," and opportunities with Operation: Military Kids, a partnership with 4-H. A&FRO continues to assist the Chaplain Corps with planning and executing Strong Bonds events. We will continue to assist in providing single, couple, and family weekends for our MDANG members

### Personnel

Program Manager: Mrs. Jeanne Benden

Assistant : A1C Brandon Askew

Volunteers: 20+

### Mission

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

## Employer Support of the Guard and Reserve

Employer Support of the Guard and Reserve is a Department of Defense organization. It was established in 1972 to promote cooperation and understanding between reserve component members (National Guard and Reserve) and their civilian employers and to assist in the resolution of conflicts arising from an employee's military commitment. ESGR assists members from all seven reserve components: Army Reserve, Army National Guard, Air Force Reserve, Air National Guard, Navy Reserve, Marine Corps Reserve, and Coast Guard Reserve. They operate through a network of volunteers throughout the country. The Maryland ESGR office is located at the Maryland Military Department headquarters in Baltimore and can be reached at 410-234-3816.

Besides its stated goals of promoting public understanding of the National Guard and Reserve and encouraging partnerships between civilian organizations of military units in the community, the office has promoted a number of outreach activities this year in furtherance of its goals.

The Employer Outreach subcommittee hosted luncheons across Maryland where more than 300 employers were honored for support of their employees. For Fiscal Year 2013, the committee hosted four Bosslift missions. Employers participated in an air-to-air refueling mission aboard an Air Force Reserve KC-135 aircraft in November, 2012. In June, employers of Maryland National Guard members flew

aboard an Air National Guard C-27 aircraft to Webster Field in St. Mary's County where they were briefed by Maj. Gen. James Adkins, the adjutant general of Maryland, on the missions of the Army and Air National Guard. In July, Navy Reserve employers visited the Navy Operational Support Center at Fort McHenry. Later that day, the group traveled to the National Museum of the Navy in Washington, D.C. where they were met and briefed by Rear Adm. Scott Sanders, reserve deputy director, joint staff. In September, 2013, the Maryland ESGR committee hosted more than 65 employers and service members at the Baltimore Grand Prix road race. Overall in FY 2013, the Maryland ESGR committee sponsored and staffed 90 employer outreach events briefing more than 1,100 individuals.

Maryland ESGR members were very active in their military outreach mission. The ESGR briefed 2,450 Air National Guard members, 3,916 Army National Guard members and 4,841 reserve members from the other five reserve components. Volunteers staffed 38 Department of Defense Yellow Ribbon Reintegration events, 11 mobilizations and demobilization events, 14 unit briefings and 32 other military activities.

Employment assistance activities increased in FY 2013 as more and more reserve members were demobilized and returned home. Maryland ESGR and the Hero 2 Hire program ([www.H2H.job](http://www.H2H.job)) participated in 18 hiring events supported by over 400 employers resulting in the hiring of over 600 Guard and Reserve members.

Maryland ESGR ombudsmen provided assistance to more than 100 employers and service members to understand and resolve military related duty questions. ESGR ombudsmen are DOD certified mediators. In FY 2013, Maryland ombudsmen were able to mediate all 39 complaints received from Guard and Reserve members regarding their employment and reemployment conditions. The Maryland ESGR committee consists of three full-time staff members and 54 volunteers. In FY 2013, the staff and volunteers worked 8,664 hours to assist Guard and Reserve members and their families.

## Psychological Health Support

### Mission

The wing director of psychological health is to provide commander consultation to help support the resiliency efforts on base, provide education and consultation on resilience programs, establish a traumatic stress response team, and encourage and facilitate other programs supporting positive and mission-focused emotional well-being. The office presents a variety of topics on base to enhance wellness such as stress management, communication, conflict resolution, and relationships. In addition, they meet with Air Guard members to provide a clinical interview and referral to local mental health providers and other resources to address any issues hindering a member's maximum well being. Within the realm of case management, they provide continuity and help the member address any challenges in receiving services. In addition, the office collaborates with and assists with training local community providers regarding military culture, providing information relating to best practices and treatment needed for on-going counseling for Air Guard members and their families.

### Personnel

Program Manager: Ms. Susan Deal



# MARYLAND'S NEWEST OFFICERS

by Tech Sgts. Chris Schepers and David Speicher  
175th Public Affairs

1/17/2013 - **BALTIMORE** -- December 7, a date to most is linked to the attack on Pearl Harbor. For six members of the Maryland Air National Guard, December 7, 2012, is a date to remember when they were commissioned and pinned on the rank of second lieutenant. All six members graduated together from the Academy of Military Science, Maxwell Air Force base, Ala.

Normally one or two members of the same unit are in a class together.

"Having other members of the Maryland Air National Guard there with me made the transition from the enlisted side to the officer side much easier," said 2nd Lt. Jake Weiser, a C-27 pilot candidate.

"It was great because I knew that I had a support structure outside my team. I was able to help other Maryland members. It was good we all had the opportunity to go as a group and we would make it out as a group," said 2nd Lt. Charles J. Wille, now a maintenance officer with the 175th Maintenance Squadron. Wille was voted class speaker. He spoke to the families during the open house part of graduation.

"Anytime you did a group activity you had the support of your fellow Maryland Air National Guardsmen," he said.

"It was like an additional layer of trust and assurance," said 2nd Lt. William O. Ferguson, cyberspace operations officer, 175th Network Warfare Squadron.

"It was difficult. It was very similar to basic training for the first couple of weeks. A lot of leadership skills and

we were put in leadership positions right away," said 2nd Lt. James R. Sells, an A-10 pilot candidate with the 104th Fighter Squadron.

2nd Lt. Jake Weiser, 135th Airlift Squadron, said, "Lessons from basic training were instrumental in officer's school. I felt like instructors expected prior enlisted to teach non-prior enlisted about enlisted life."

"AMS was a lot harder than basic training," said 2nd Lt. Rachel G. Bowen, officer in charge, Manpower and Personnel flight, 175th Force Support Squadron. Bowen, who said her parents were both officers and inspired her, wanted to become an officer since she was 11 years old.

Wille recalled 2nd Lt. Brandon M. Krantz, a C-27 pilot candidate, showing initiative from day one. There were only three copies of the dorm setup manual for 100 students. Krantz went to a copy store so everyone would have

a copy. "Maryland made an impact for the entire school. We learned that information is not something to be hoarded," Wille said.

"These individuals who I went to school with will definitely be friends for life," Wille said. "Even outside this base, they will be there for support,"



Photo Illustration

# EXPENDITURES/ECONOMIC IMPACT

## Economic Impact

Maryland Air Guard salaries and expenditures totaling more than \$81.5 million created an estimated 559 off-base jobs within the Baltimore/Washington Metropolitan Statistical Area. The total economic impact of the Maryland Air Guard for Fiscal Year 2013 was more than \$117.2 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 "respending" 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 2013 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.

## 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	\$ 445,952
Utilities	641,225
Sustainment, Restoration, Modernization	363,306
Other Supplies	134,681
Miscellaneous Expenses	<u>195,735</u>
Total O&M Expenditures	\$1,780,899

### Federal Funded Agreements (100% federal)

Security Police	\$ 293,984
Fire Fighters	2,186,369
Real Property Manager	<u>77,005</u>
Total Federal Funded Agreements	\$2,557,358

## Fiscal Year 2013 Expenditures and Economic Impact

Data Source: Economic Impact Database: Published by the Bureau of Labor Statistics, May 2012 Metropolitan Area Occupational Employment and Wage Estimates, Washington, DC-MD-VA, WV PMSA.

Full-time Employee Salaries	\$40,934,993
Guard/Reserve Drill and Training Pay	19,474,621
Other Federal Operating Expenses	11,454,220
Aviation Fuel	9,667,500
Military Construction	<u>0</u>
Total Expenditures	\$81,531,334
<b>Total Economic Impact</b>	<b>\$117,167,584</b>

### Federal/State Breakdown



Federal  
Investment  
**\$4,263,331**

**Total Cooperative Expenditures**  
**\$4,689,304**

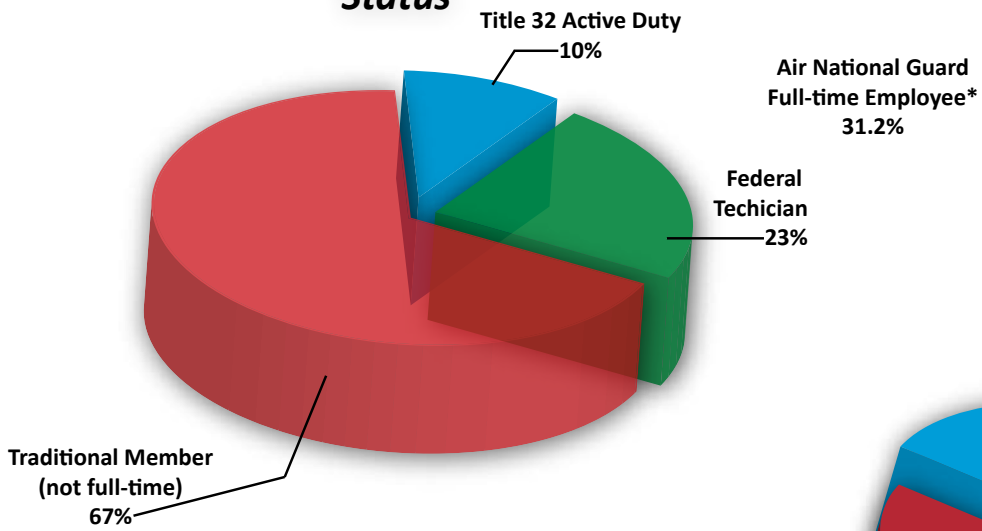


State  
Investment  
**\$425,973**

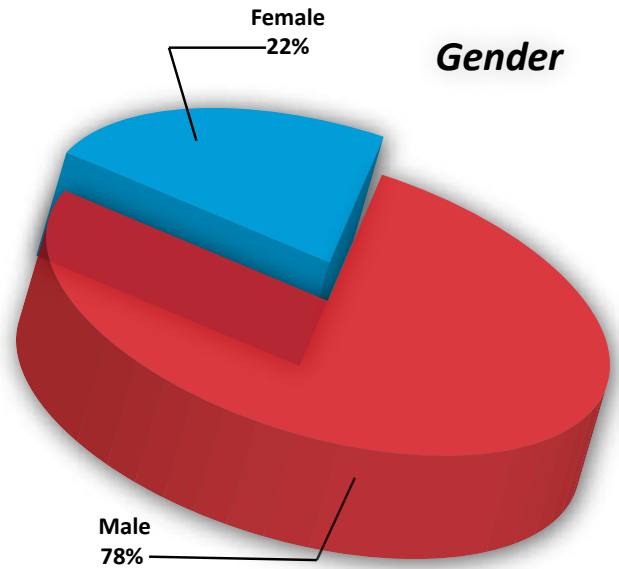


# PERSONNEL DEMOGRAPHICS

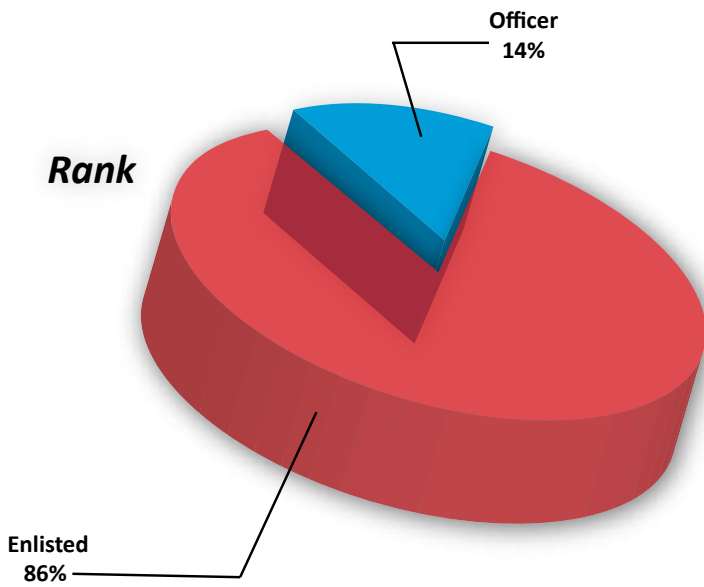
**Employment Status**



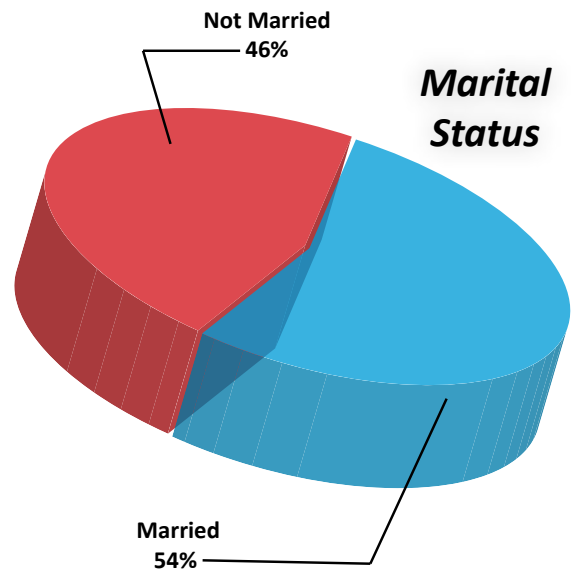
**Gender**



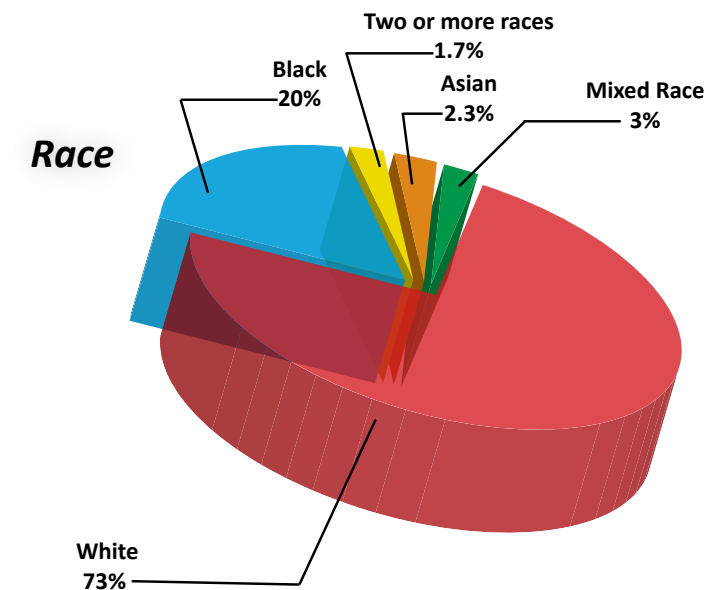
**Rank**



**Marital Status**



**Race**



# 135TH AIRLIFT GROUP INACTIVATION CEREMONY



A photo story of the inactivation and fini flights for the 135th Airlift Group at Warfield Air National Guard base, Baltimore, Md.





# VISION

TO BE RECOGNIZED AND REMAIN THE  
BEST WORLD CLASS ORGANIZATION IN  
THE AIR NATIONAL GUARD SERVING  
OUR COMMUNITY AND NATION

THE MOST RESPECTED FIGHTER UNIT IN  
THE COMBAT AIR FORCES

TO BE AT THE FOREFRONT  
IN CYBERSPACE

ENGINEERING CAPABILITIES  
SECOND TO NONE

MOST RESPECTED SUPPORT FORCES

# WING AIRCRAFT



## A-10C Thunderbolt II

Primary function: Close air support and airborne forward air control.

Dimensions: Wingspan 57 ft. 6 in.; length 53 ft. 4 in; height 14 ft. 8 in.

Crew: One.

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.

Speed: 420 mph.

Range: 800 miles.

Inventory: 22



## C-27J Spartan

Primary function: Airlift.

Dimensions: Wingspan 94 ft. 2.5 in.; length 74 ft. 6 in; height 31 ft. 7 in.

Crew: Three.

Armament: Infrared countermeasure flares; electronic countermeasure chaff.

Speed: 336 mph.

Range: 2,910 miles.

Inventory: 3 (0 as of September 20, 2013)



# AIRMEN OF THE YEAR



Senior Airman Zachary Lidie  
175th Maintenance Squadron  
Outstanding Airman



Master Sgt. Olen Smith  
175th Security Forces Squadron  
Outstanding Senior NCO



Senior Master Sgt. Anthony Simms  
175th Wing Headquarters  
Outstanding First Sergeant

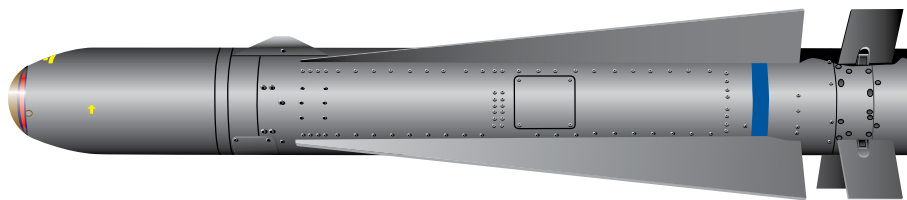


Tech Sgt. Patrick Shiflett  
175th Security Forces Squadron  
Outstanding NCO



Staff Sgt. Tyrell Fleming  
175th Security Forces Squadron  
Outstanding Honor Guard Member

# AERIAL BOMBS AND MISSILES



**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.



**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.



**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.



**CBU-89 Gator**

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

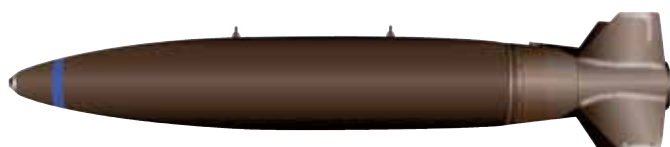
**Dimensions:** Length 7 ft. 8 in., diameter 16 in.



**CBU-87**

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

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



**MK-84**

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

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



**MK-82**

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

**Dimensions:** Length 5 ft. 6.2 in., diameter 10.75 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-12 Paveway II**

**Primary Function:** 500-pound unpowered, laser-guided bomb.

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

## Munitions Nomenclature

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

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.



# GROUND COMBAT WEAPONS



**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.



**M16 Rifle**

**Primary Function:** Anti-personnel.

Length: 39.6 in.

Weight: 8.8 lbs. with 30-round magazine.

Maximum Effective Range: Individual/point target: 1,805 ft., area target: 2,625 ft.

Cyclic Rate of Fire: 700-900 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.



**M870 Shotgun**

**Primary Function:** Personal defense.

Length: 39 in.

Weight: 8 lbs. Bore diameter: 12 gauge.

Maximum Effective Range: 221 ft.



**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.



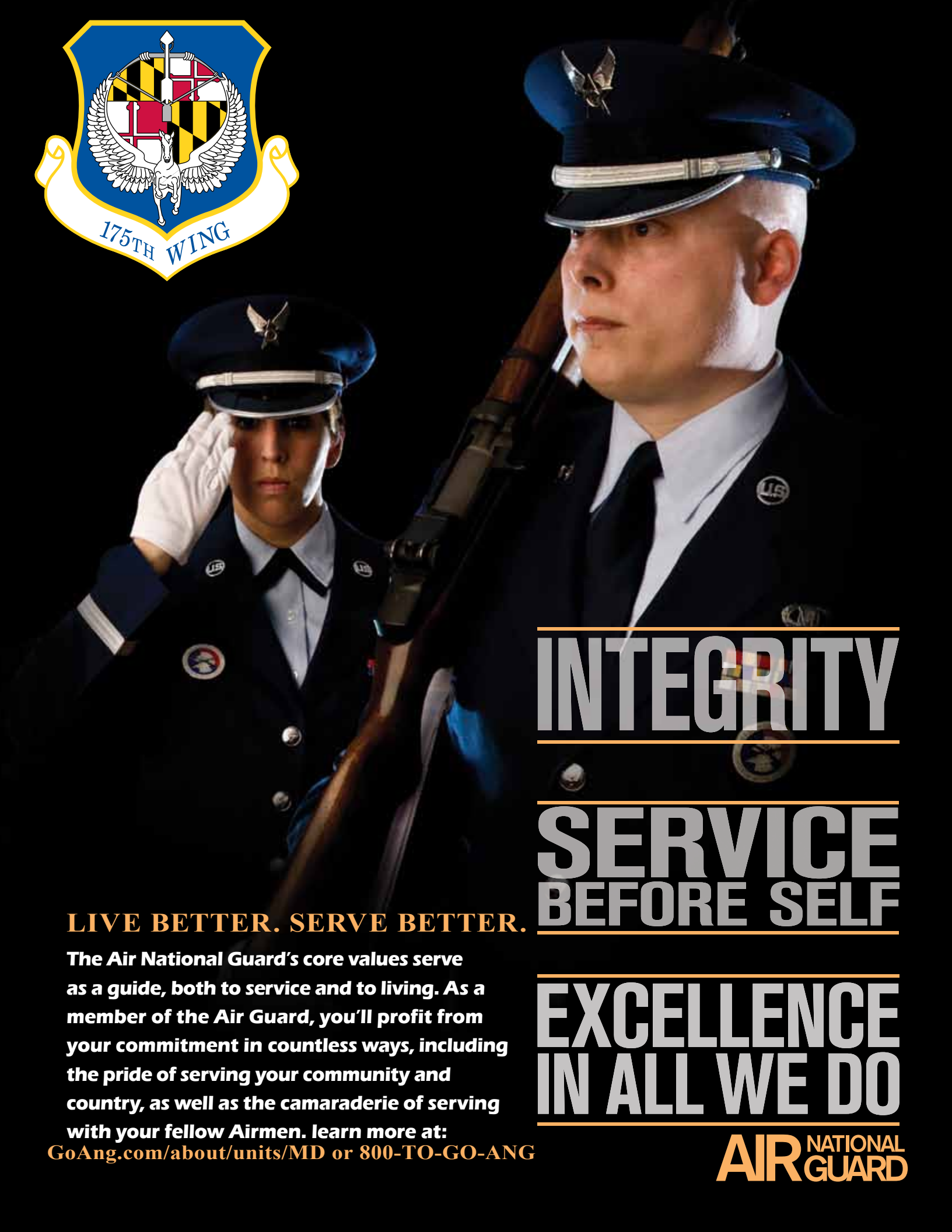
**M-67 Hand Grenade**

**Primary Function:** Anti-personnel.

Dimensions: 3.5 in. high and 2.8 in. diameter.

Weight: 13.75 ounces.

Maximum Effective Range: 60 ft.



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# INTEGRITY

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# SERVICE BEFORE SELF

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# EXCELLENCE IN ALL WE DO

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**LIVE BETTER. SERVE BETTER.**

The Air National Guard's core values serve as a guide, both to service and to living. As a member of the Air Guard, you'll profit from your commitment in countless ways, including the pride of serving your community and country, as well as the camaraderie of serving with your fellow Airmen. learn more at: [GoAng.com/about/units/MD](http://GoAng.com/about/units/MD) or 800-TO-GO-ANG

**AIR** NATIONAL  
GUARD