



Division of Military
and Naval Affairs

2018 ANNUAL REPORT



The Adjutant General

Major General Ray Shields, assumed duties as the 54th Adjutant General for the State of New York on October 1, 2018. In this position, General Shields is responsible for providing trained and ready National Guard forces for both state and federal missions.

Major General Shields also serves as Commander of the New York Army National Guard.

Shields, a resident of Saratoga Springs, was commissioned as a 2nd Lieutenant in the New York Army National Guard through the Reserve Officers Training Corps program in May of 1983 after graduating from the State University of New York at Albany.

He has served in a variety of military positions to include platoon leader, infantry company commander, battalion staff officer, battalion commander, brigade staff officer, brigade executive officer and deputy commander, brigade chief of staff, New York Army National Guard chief of staff and New York National Guard Director of Joint Staff.

Shields served in Afghanistan in 2008/2009 as chief of staff for the 27th Infantry Brigade Combat Team and Combined Joint Task Force Phoenix, a NATO training mission which was led by the 27th Brigade.

During his service Shields has been involved in the New York National Guard response to Superstorm Sandy, several snowstorms, Lake Ontario flood control missions, and the New York National Guard response to Hurricanes Harvey, Irma and Maria in 2017 and the Hurricane Florence and Michael missions earlier this year.

Shields holds a bachelor's degree in history from the State University of New York, Albany; a master's degree in public administration from Marist College, and a master's degree in strategic studies from the United States Army War College.

His military education includes the Army Strategic Education Program, the Army Command and General Staff College, the Army War College, the National Security Studies Management Course at Syracuse University, the Army Senior Leader Development Program, and the General



Maj. Gen. Ray F. Shields

and Flag Officer Homeland Security Executive Seminar taught by Harvard University and the George C. Marshall European Center for Strategic Security Studies Senior Executive Seminar,

Shields' awards include the Legion of Merit, the Bronze Star, the Meritorious Service Medal, the National Defense Service Medal, the Afghanistan Campaign Medal, and the Global War on Terrorism Service Medal, the North Atlantic Treaty Organization Medal and the Combat Infantryman Badge.

He was promoted to major general and commander of the New York Army National Guard on June, 20, 2017.



Left, Maj. Gen. Ray Shields visits the Main Command Post Operational Detachment (MCP-OD) at Fort Drum, Watertown, N. Y., Feb. 27, 2018. Right, Maj. Gen. Ray Shields is congratulated by Lt. Gov. Kathy Hochul on his appointment to adjutant general.

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The Division of Military and Naval Affairs and the New York National Guard can be found online at: <http://dmna.ny.gov>

FRONT COVER:

Top photo: Spc. Brandon Weston assigned to B Company, 1st Battalion, 182nd Infantry Regiment, on a ruck march to a designated point with a Machine Gun, 7.62 mm, M240 on his shoulder, during infantry reclassification course at Camp Smith Training Site, Cortlandt Manor, N.Y., Aug. 13, 2018.

Bottom photo: Master Sgt. Jim Brucculeri and Staff Sgt. Kareem Spearman from the 102nd Rescue Squadron, scan for people in need of rescue over Kinston, N.C. Sept. 16, 2018.



New York Army National Guard Honor Guard Pfc. Ryan Baranski waits for the casket of Cpl. Lewis Smith, U.S. Army, before the burial mass at Gerald B.H. Solomon Saratoga National Cemetery, December 20, 2018. Smith served in the United States Army from 1958 to 1960.

New York State Division of Military and Naval Affairs



The New York State Division of Military and Naval Affairs headquarters in Latham.

The New York State Division of Military and Naval Affairs (DMNA) is the state executive agency responsible to the governor for managing New York's Military Forces which consists of 18,780 members of the New York Army National Guard, New York Air National Guard, New York Naval Militia and New York Guard.

DMNA and the military forces are led by the Adjutant General of New York who is appointed to the position by the governor.

The Adjutant General has a dual status: he is a commissioner of a New York State Agency and is also a federally recognized general officer in the New York National Guard. The agency reports to the governor through the Deputy Secretary for Public Safety.

The Adjutant General is responsible

for both agency administration and training, manning, and equipping of military forces and facility readiness.

The Adjutant General is responsible for ensuring that the New York Army and Air National Guard are ready to undertake federal missions when directed.

This can include deployments into combat zones, federal emergency response missions, or overseas training deployments.

Elements of the New York Air National Guard execute federal missions on a daily basis—flying remotely piloted aircraft, transporting supplies around the world, supporting science in the Arctic and Antarctic and monitoring the skies above North America.

Army National Guard elements are ready to deploy when called upon.

The Adjutant General is responsible

to the Governor of New York for supplying troops for state emergency response missions and standing state security missions, such as Joint Task Force Empire Shield in New York City.

National Guard Soldiers and Airmen serving in a non-federal status, i.e. training for the traditional two weeks a year and one weekend a month, are under the authority of the governor.

When called to federal duty they fall under the authority of the President of the United States.

The agency's state appropriated budget for the 2018-2019 fiscal year is \$139.3 million. This includes \$81.4 million in operational spending, \$57 million for capital projects, and \$900,000 in Aid to Localities funds for Insurance premium benefits for National Guard Soldiers Service Members Group Life Insurance expenses.

DMNA employed 390 state and 4107 federal employees in 2018. The federal employee number includes 2,120 Active Guard and Reserve Airmen and Soldiers.

Missions of full-time employees include management of federal and state budgets, human resources, training, logistics and facilities management, as well as training with federal, state and local public safety partners for domestic operations.

There are also 51 contracted employees who support New York National Guard family programs, educational programs purchasing and logistics functions. Thirty-seven of these contracted employees support the New York Army National Guard while 14 support the New York Air National Guard.

Currently, DMNA operates and maintains numerous building sites comprised of:

- 36 Armories;
- 4 National Guard Readiness Centers;
- The New York State Military Museum and Veterans Research Center;
- 3 Armories that have been excessed to the New York State Office of General Services but not yet divested,
- 3 Combined Support Maintenance Shops (CSMS),
- 15 Field Maintenance Shops, 3 Army Aviation Support Facilities (AASF),
- 1 Maneuver Area Training Equipment Site (MATES),
- 1 Warehouse and a Central Issue Facility (CIF) at Watervliet Arsenal, the Camp Smith Training Site (CSTS),
- 4 Local Training Areas (LTA), and 2 Civil Support Team (CST) facilities, one at Stratton Air National Guard Base and one at Fort Hamilton, Brooklyn.

Many agency installations were established around the turn of the 20th century and are on the state and federal historic register and are large, castle-like structures.

Armories constructed since 1930 are typically brick structures, some with large drill halls and others (circa 1950-1960s) with smaller drill hall space. The total size of the supported infrastructure is approximately 5.0 million square feet located on 5,560 acres.

These facilities support the readiness



Members of the Division of Military and Naval Affairs Headquarters staff pose for a photograph in support of Denim Day, a day on which people are encouraged to wear blue jeans to show support for survivors of sexual assault and to combat the myths surrounding sexual assault on April 25, 2018.

goals of accounting for and maintaining of military equipment, including vehicles, aircraft, weapons, and communications systems. DMNA's executive offices are located at 330 Old Niskayuna Road, Latham where state and federal staff work side-by-side to manage military readiness.

At the direction of the governor, DMNA has operated Joint Task Force Empire Shield since 2001, which is a unique force of Army and Air National Guard and Naval Militia members on State Active Duty who conduct Homeland Security Operations in the New York City Metropolitan Area to deter and prevent terrorist acts. The

task force is currently authorized 750 Soldiers and Airmen.

DMNA is also responsible for maintaining New York's collection of more than 20,000 historically significant military items ranging from Civil War Battle Flags to historic uniforms and items displayed in armories. The New York State Military Museum and Veterans Research Center in Saratoga Springs is administered by DMNA and houses historical exhibits, and provides for curatorial management and collection storage.

Emergency Operations in 2018

During 2018 the New York National Guard, along with members of the New York Naval Militia and the New York Guard, responded to three major winter weather emergencies here at home, while members of the New York Army and Air National Guard responded to hurricanes in the Carolinas and Florida.

A total of 1,768 Soldiers, Airmen and New York military force members responded to these missions during 2018.

New York National Guard Soldiers and Airmen and members of the New York Naval Militia and New York Guard responding to state weather emergencies do so in State Active Duty status. This means that the service members pay comes from the State of New York. The state also covers the costs for fuel and maintenance of military vehicles used for state missions.

National Guard Soldiers and Airmen can also deploy outside New York in State Active Duty (SAD) status under the terms of federal emergency assistance compacts (EMACs).

In these instances, Guard elements on SAD are loaned to other states where they come under the command of that state's governor. The receiving state, will provide funds to New York to cover those payrolls. Guard



Members of the 106th Rescue Squadron, 106th Rescue Wing, drop from an HH-60 Pavehawk helicopter during a rescue mission during Hurricane Florence, Sept. 17, 2018.

members can also deploy outside of New York in federal status. In these instances, the costs of the deployment are covered by the Department of Defense.

January Ice Storms

Between January 21-28, 130 New York National Guard Soldiers and Airmen were placed on SAD in case rains and warming weather resulted in ice jams and flooding on major rivers.

Extremely low temperatures resulted in ice building up on rivers flowing into Lake Ontario and the St. Lawrence River, as well as the Mohawk River

from Utica to Albany.

The ice in the rivers caused natural dams, which could have resulted in flooding. Soldiers and Airmen with trucks and Humvees were placed on duty in case they were needed to help respond to flooding. Teams of Soldiers were dispatched to Malone in Franklin County (12 Soldiers) and Plattsburgh (13 Soldiers). There were 25 Airmen on duty at Hancock Field Air National Guard Base, 25 Soldiers at the Thompson Road Armory in Syracuse, 25 Soldiers at the Armed Forces Reserve Center in Glenville,



Soldiers assigned to 3rd Battalion, 142nd Aviation Division, fly over a forest fire in Altona Flat Rock, N.Y., July, 13, 2018. The NYARNG responded to a forrest fire that broke out in Altona, N.Y., that spread across hundreds of acres, from July 13-15.

and a maintenance team on standby in Utica. Although the troops were on call they did not need to conduct missions.

March 2018 Nor'easter Storms

On March 8, 400 New York National Guard Soldiers and Airmen were placed on state active duty after two nor'easter snowstorms left up to 323,000 homes without power in the Hudson Valley.

The first storm hit on March 2, leaving as much as two feet of snow in some areas. The governor called for 100 troops to assist local governments on March 3 and increased the number to 200 on March 4. Sixty Soldiers from the 53rd Troop Command and 20 Airmen from the 105th Airlift Wing deployed to Sullivan County. Another 20 Airmen from the 105th deployed to Putnam County to assist in clearing roads.

Other Soldiers and Airmen established logistical support facilities at Camp Smith. On March 7 and 8, the second storm hit, adding another foot of snow. The governor then increased the number of troops on state active duty to 400. Soldiers from the 42nd Infantry Division were placed on

duty along with members of the 174th Attack Wing. Members of the New York Naval Militia also came on duty as well.

Soldiers and Airmen deployed to assist in Westchester and Rockland counties. In Westchester County, Soldiers teamed up with the Red Cross to provide blankets at a senior center when staff were not able to get to work.

New York Naval Militia members went to work clearing trees with chain saws, while Navy and Marine cooks ran a dining operation for troops on duty at Camp Smith.

New York Guard volunteers came on duty to assist in mission support operations at Camp Smith and conducted chain saw training as well.

By March 12 the bulk of the troops were off duty and all service members were released by March 14.

May Windstorms

In May, Air National Guard Airmen responded briefly to windstorms in the Capital Region and the Hudson Valley.

On May 4, Airmen assigned to the 109th Airlift Wing assisted authorities in Cambridge, Washington County

in removing debris following a heavy windstorm.

On May 15, violent winds hit the Hudson Valley and knocked out power. One storm in Columbia County, New York, dropped baseball size hail and went on to produce tennis ball size hail and two tornadoes in Connecticut. A total of 1,800 power lines went down and 288 miles of power line were rendered inoperative.

In response, Governor Andrew M. Cuomo directed the mobilization of 125 New York National Guard Soldiers and Airmen to stand by and assist local governments if required.

Members of the 105th Airlift Wing assisted local authorities by directing traffic at key intersections in the absence of working traffic lights. Members of Joint Task Force Empire Shield delivered water to residents in Carmel because power was out.

August Flooding

Governor Andrew M. Cuomo placed 200 New York Army and Air National Guard members on duty on August 15 after 6.83 inches of rain fell in parts of the Finger Lakes region the day before.



A CH-47 Chinook crewmember from the New York Army National Guard's Company B, 3rd Battalion, 126th Aviation assists with the offload of rescue personnel and vehicles October 13 near Alligator Point, a barrier island off Apalachicola Bay, Florida following the impact of Hurricane Michael. The New York Army National Guard crews deployed 11 personnel and two aircraft to support the Florida Guard's 1st Battalion, 111th Aviation Task Force. Crews flew for three days, transporting 32, 240 pounds of cargo before returning to their flight facility in Rochester, N.Y. October 17.

Emergency Operations

As a result of the heavy rains the governor declared a disaster area in 14 counties. Thirty Airmen from the 174th Attack Wing deployed to Ovid to assist local government there with debris clearing, with a priority given to roads and drainage ditches.

The 204th Engineers mobilized 25 Soldiers and high-axle vehicles in case the Susquehanna River caused extensive flooding and they needed to mount rescue operations. That did not take place, but the battalion employed engineer equipment to clear mud and debris from some areas of Binghamton.

Soldiers were on duty in Auburn, Walton, and Horseheads and the 369th Sustainment Brigade had 50 Soldiers ready to deploy in the Hudson Valley from Camp Smith Training Site if required. In Rochester, two UH-60s with hoist capability were placed on standby in case they were needed.

Altona Wild Fire

New York Army National Guard UH-60 Black Hawk aircrews from 3rd Battalion, 142nd Aviation, dropped more than 126,000 gallons of water on a 526 acre forest fire burning in Flat Rock State Forest on Friday July 13, Sunday July 15, and Monday, July 16.

The fire, located 10 miles south of the Canadian Border just outside New

York's Adirondack Park, began on Thursday, July 12.

Over 200 personnel, New York State Forest Rangers, Department of Environmental Conservation fire crews, and local volunteer fire departments, were part of the response. Crews from Quebec and Vermont also responded, according to Clinton County emergency officials. Smoke from the fire could be seen across Lake Champlain in Vermont. Each fully loaded Bambi bucket weighs more than 5,400 pounds.

The helicopters used a lake two miles away from the fire site to fill the buckets. Each day, the aircrews had to stop and refuel three times, due to the amount of fuel used from transporting such heavy loads.

Hurricane Florence

The New York National Guard deployed 132 Soldiers and Airmen to North and South Carolina in September to help respond to the impact of Hurricane Florence.

The 106th Rescue Wing, based in Westhampton Beach, New York, began deploying Airmen in support of the response mission on September 12 when 16 Airmen with four Zodiac rescue boats deployed by road to Dover Air Force Base in Delaware. They were followed by an additional 64 Airmen who flew down to Dover



Army National Guard Lt. Col. Joseph Chodnicki guides a truck into place during a health and wellness check at a Putnam County nursing home on March 7, 2018. Chodnicki provided National Guard liaison to the emergency operations in Putnam County following the March 2 snowstorm.

rescue missions in Kinston and Wilmington, North Carolina.

The wing assigned two Airmen to conduct liaison duties at the Joint Operations Center in Raleigh, North Carolina, and a liaison officer at the Joint Operations Center in Columbia, South Carolina.

The 106th contingent operated as part of a joint rescue task force, which included Airmen from the Alaska Air National Guard's 176th Wing and the California Air National Guard's 129th Rescue Wing and members of the Oregon Air National Guard's 125th Special Tactics Squadron.

The New York Army National Guard deployed two CH-47 Chinook heavy lift helicopters and eight Soldiers from Company B, 3rd Battalion, 126th Aviation in Rochester to the Carolinas on September 17. The aircraft conducted missions from Joint National Guard Base McEntire in Columbia, South Carolina.

The New York Army National Guard also deployed two UH-60 medical evacuation helicopters and ten Soldiers assigned to Company C, 1st Battalion, 171st General Support Aviation Battalion on Sunday, September 16. The aircraft flew to Raleigh, North Carolina, to conduct missions in support of the North Carolina National Guard.



Sailors from the New York Naval Militia conduct debris clearance missions in Rockland County, N.Y. on March 14, 2018 following a snowstorm March 2. The National Guard members worked alongside Town of Ramapo employees in the cutting and clearing of tree debris from residential areas affected by the snowstorm.

In addition, the New York Air National Guard's 105th Airlift Wing dispatched an air movement officer to assist the Air National Guard Crisis Action Team at Andrews Air Force Base.

Hurricane Michael

Four New York Army National Guard helicopters and 25 Soldiers constituted the New York National Guard's contribution to the Hurricane Michael recovery efforts after the category four hurricane crashed into the Florida panhandle on October 10, 2018.

Eleven Soldiers and two CH-47 Chinooks assigned to Company B, 3rd Battalion, 126th Aviation, deployed from the Rochester Flight Facility on October 11 for Tallahassee, Florida. The Chinooks arrived on October 12 and plugged into an aviation task force built around Florida's 1st Battalion, 111th Aviation.

Fourteen additional Soldiers and two UH-60s from the 3rd Battalion, 142nd Aviation, deployed to Florida on October 12 and arrived October 13. One of the UH-60s deployed from the Latham Flight Facility, while the other came from Ronkonkoma on Long Island.

As the storm approached Florida, National Guard Bureau called on New York to mobilize a team from the 106th Rescue Wing to provide search and rescue if necessary. The wing had 75 Airmen ready to go with one CH-130 search and rescue aircraft, one HH-60 Pave Hawk rescue helicopter and two rescue boats and crews.

A team of 11 personnel deployed to Gulfport on October 10 as an advance while the other Airmen remained at Gabreski Air National Guard Base. After the hurricane came ashore, their deployment was canceled because there was no need for additional search and rescue assets in the area. The initial effort was inserting first response search and rescue teams to areas inaccessible by road to help look for people in need.

On October 12 the New Yorkers delivered a 12-person search and rescue team and all-terrain vehicles to a location in Florida's Wakulla County. After the team conducted their rescue mission, the New York CH-47s picked them up and returned them to base.



Civilian patients being transported by the New York Army National Guard Soldiers of Company C, 1st Battalion 171 General Support Aviation Battalion, are loaded on board a UH-60 on Sept. 17, 2018 in Elizabethtown, North Carolina.

On October 13, the CH-47 team delivered another search and rescue team to Alligator Point, a barrier island off Apalachicola Bay, Fritz said. The helicopter landed on the beach to deliver the team because there were no other suitable landing zones.

The two helicopters also delivered supplies to Mexico Beach and Apalachicola Airport.

By October 14 roads were reopened, so there were no new mission requests for the CH-47s, Fritz said. The two heavy lift CH-47s transported 31,240 pounds of cargo during their brief support missions.

The UH-60s Black Hawks were used for a variety of transport missions while based at Tallahassee airport.

On October 15 one of the New York UH-60s joined two Florida Army National Guard helicopters in transporting Florida Governor Rick Scott and his party on a survey mission during the visit of President Donald Trump to the hurricane zone.

The UH-60 team also provided transport support to Federal Emergency Management Agency Director, Brock Long, moved other personnel and transported radios needed by response personnel. Along with Army aviation assets, the New York National Guard also deployed five Airmen assigned to the Eastern Air Defense Sector's 224th Air Defense Group to Florida to assist in air traffic control. The Airmen were assigned to support the 601st Air Operations Center in managing military air traffic in the region.

As roads continued to reopen, there

were fewer air missions for the New York helicopters. The CH-47s departed the region on October 15 and arrived back at home station on October 17. The UH-60s left a day later and closed on their home station locations by October 18.

California Fire Support

In November, seven Soldiers from Detachment 1, Company D of the 152nd Engineer Brigade, provided RQ-7 unmanned aerial system support to the California National Guard to assist fire fighters battling the so-called "Camp Fire" near Chico, California.

The New York National Guardsmen were in California conducting training at Camp Roberts, a California Army National Guard base which houses an RQ-7 training facility, when the California National Guard asked to use the Soldiers in efforts to control the fire.

One of the Soldiers who had been training had to return home, but the others were placed on SAD and an EMAC agreement worked out. The Soldiers, based at the Rochester Army Aviation Support Facility, flew missions with their RQ-7s to detect hot spots so fire crews could extinguish them.

The RQ-7, known as the Shadow, is an 11-foot long remotely controlled aircraft with a 14-foot wingspan. The aircraft carries day and infrared cameras and is used by U.S. Army combat brigades as an intelligence gathering tool. The aircraft can fly at just under 15,000 feet and can remain overhead for up to six hours.

The 174th Attack Wing also deployed six New York Air National Guardsmen trained to repair the MQ-9 remotely piloted aircraft to assist the California National Guard.

The Airmen from the 174th Attack Wing in Syracuse helped the California Air National Guard maintain the MQ-9 aircraft which were used to keep an eye on the state's wildfires.

The Army National Guard mission ended on November 21 while the Air Guardsmen returned home on November 25.

Donation Support

Members of the New York Guard, Joint Task Force Empire Shield, and the New York Army National Guard took part in Governor Andrew M. Cuomo's annual effort to deliver donated turkeys to families in need.

On November 19, Major General Ray Shields, The Adjutant General, and other senior leaders, joined members of Joint Task Force Empire Shield and the New York Guard in packing 3,200 meals at the Jacob Javits Convention Center in New York.

On November 20, 24 members of Joint Task Force Empire Shield assisted government officials in distributing meals on Long Island and in New York. Another six members of the Army National Guard assisted in

distributing Thanksgiving meal components in Buffalo.

Standing Civil Support Missions

The New York National Guard conducts a number of regular, ongoing civil support missions with standing forces. These include Joint Task Force Empire Shield, the security augmentation force on duty in New York City around the clock, two Weapons of Mass Destruction Civil Support Teams, and the Citizens Preparedness Training Teams.

The New York National Guard is also responsible for providing the headquarters and chemical, biological, radiological, nuclear rescue element of the Federal Emergency Management Agency Region I Homeland Response Force.

Joint Task Force Empire Shield

Throughout the year, 700 members of Joint Task Force Empire Shield (JTFES), a force of New York Army and Air National Guardsmen in State Active Duty Status acting under the orders of Governor Andrew M. Cuomo were on duty in New York City, augmenting security at airports, train stations, and other key transportation infrastructure hubs.

Members of JTFES are also tasked with being available to assist in closing New York City bridges and tunnels

if required.

JTFES is based at Fort Hamilton in Brooklyn and maintains locations at John F. Kennedy International Airport, Randall's Island, and the Camp Smith Training Site. JTFES also provides security at New York State Division of Military and Naval Affairs Headquarters in Latham and at Camp Smith near Peekskill.

JTFES is also responsible for two Military Emergency Boat Service missions conducted by members of the New York Naval Militia. The New York Naval Militia's Patrol Boat 440 conducts maritime operations in New York Harbor in conjunction with the Coast Guard. Another boat conducts a random Anti-Terrorism program by placing a patrol boat in the waters off the Indian Point Energy Center in Buchanan.

During 2018, JTFES conducted 12,186 missions. A mission is defined as a unit of New York National Guard Soldiers or Airmen engaged in a task for four hours. On a daily basis members of JTFES are on duty at key infrastructure sites and ready to add additional forces when called upon.

JTFES regularly participates in Multi-Agency Super Surges in which many law enforcement entities surge their personnel.



Airmen from the New York Air National Guard's 105th Airlift Wing move debris from a road in the town of Carmel, N.Y. on Monday, March 5. Twenty Airmen assigned to the 105th Airlift Wing deployed to Putnam County, New York, to help town and county workers clear debris from roadways.

Emergency Operations

These include the New York City Police Department, Port Authority Police Department, the Metropolitan Transportation Authority Police, New Jersey Transit Police, Amtrak Police, and Department of Homeland Security.

The goal of the MASS is to detect, deter, disrupt and defeat potential terrorist threats. JTFES took part in 11 such operations in 2018. The JTFES conducted 7,562 bridge and tunnel security missions in 2018.

JTFES also participated in Random Antiterrorism Measures Program operations. Finally, JTFES took part in Operation RAILS SAFE missions that involved coordinated patrols of railroad and subway stations and rights of way, as well as providing an increased security presence on trains.

Citizens Preparedness Training Program

During 2018, the New York National Guard continued to support Governor Andrew M. Cuomo's Citizens Preparedness Corps by training New Yorkers on how to prepare for an emergency, deal with the emergency, and recover afterwards.

Two hour courses were offered across the state, based on a training program devised by the New York State Division of Homeland Security and Emergency Services. There were 21 personnel involved in this mission during 2018.

During 2018, New York National Guard training teams conducted 762 classes, training 34,516 New Yorkers and since the program's inception in 2014, the New York National Guard has trained more than 165,000 citizens. At some of these seminars, emergency preparedness "go bags" were distributed. A total of 10,196 of these bags, filled with basic emergency preparedness supplies were passed out during the year.

2nd and 24th Civil Support Teams (Weapons of Mass Destruction)

The New York National Guard maintains two Weapons of Mass Destruction Civil Support Teams, more commonly known as the Civil Support Teams or CSTs.

The Civil Support Team (CST) is a high priority response unit supporting civil authorities responding to a weapons of mass destruction (WMD) incident. Each unit is made up of 22

full-time National Guard members. It consists of six sections: command, operations, communications, administration/logistics, medical, and survey, each specially trained and equipped to provide a technical reach-back capability to other experts.

The teams are formed specifically to provide advice to an Incident Commander—normally a civilian first responder—to help make assessments of the requirements for follow-on forces.

Each CST is led by a lieutenant colonel, jointly staffed with Army and Air National Guard personnel, and encompasses 14 military occupational skills. The unit is federally resourced, trained and equipped, with the New York National Guard providing personnel, stationing and common support.

The Adjutant General employs the CSTs to support a state response under the direction of the governor or to support another state's response under a supported governor.

The CST mission is to support civil authorities at a Chemical, Biological, Radiological or Nuclear (CBRN) incident by identifying CBRN agents/substances, assessing current and projected consequences, advising on response measures and assisting with appropriate requests for state support to facilitate additional resources.



Pararescue Airmen pack rescue boat gear in a trailer as members of the 106th Rescue Wing prepare to deploy in support of the Hurricane Michael rescue efforts at the 106th Rescue Wing, Westhampton Beach, N.Y., Oct. 10, 2018.

The CSTs participate in both military and civilian emergency response training. Instruction is provided from several DoD schools, along with other agencies such as FEMA, DOJ, EPA and DOE. The CST is equipped with high-end detection, analytical, and protective equipment. The unit possesses satellite, secure and cellular



Soldiers assigned to the 827th Engineer Company respond to flooding in Binghamton, N.Y., Aug. 15, 2018. Soldiers were responding to flooding throughout many areas of Binghamton assisting civilians and the Department of transportation.

Emergency Operations

communications to provide connectivity with both civil and military forces.

CSTs are required to maintain personal protective equipment sets that exceed those provided to military forces. CSTs are equipped to civil standards in order to operate in an area containing unknown contamination.

Additionally, high-end detection equipment is required to detect a greater range of substances, including toxic industrial chemicals, organic substances, and chemical and biological warfare. New York's 2nd Civil Support Team is based in Scotia, New York. Based upon weather and road conditions, ground transit time equates to 3 to 5 hours after departing home station. Any response beyond the 250-mile maximum ground movement radius may warrant the use of rotary or fixed wing aircraft. The CST equipment set is man-portable for rotary wing movement (but at a degraded capability) as well as air transportable by fixed wing aircraft at full capability.

The 24th Civil Support Team is at Fort Hamilton in Brooklyn, NY. The team has the same equipment, training and capabilities as the 2nd CST, but provides more responsive training and operational support to the downstate region.

During 2018 the two CSTs conducted 132 stand-by mission, where they deployed assets near the scene of a major event, and 5 assistance missions. The two teams also conducted 7 response missions.

Both teams conducted training regularly throughout the year. The 2nd CST conducted a major exercise with local fire departments in Kingston on November 28, while the 24th Civil Support Team conducted an exercise on Plum Island, a former quarantined agricultural research station off the tip of Long Island, in conjunction with federal and state agencies.

The members of the 24th CST also conduct a regular certification in helocasting, which involves entering the water from a hovering helicopter. Because water is everywhere in the New York City environment, helocasting could be a good way to quickly insert trained personnel as quickly as possible.

In the same vein, the 2nd CST trained with the New York Naval Militia to hone joint skills required to land a CST team from the Naval Militia's new landing craft.

FEMA Region II Homeland Response Force

The Homeland Response Force (HRF) is a 1,200 member Soldier/Airmen force made up of members of the New York and New Jersey National Guards. In 2018 the HRF was commanded and organized by the 27th Infantry Brigade Combat Team Headquarters in Syracuse.

The DoD established ten National Guard-sources Homeland Response Force packages for each FEMA region across the country. The FEMA Region II HRF is aligned for support to New York, New Jersey, Puerto Rico and the U.S. Virgin Islands.

The HRF increases the focus of military CBRN response forces for saving lives. The HRF increases operational flexibility for additional CBRN resources in support of governors responding to CBRN incidents in their state.

Responding from home armories, the elements primarily deploy via ground transportation to incident sites, but can be moved by air if necessary.

Core capabilities include search and extraction, decontamination, medical,



New York National Guard Soldiers conduct health and wellness checks, distributing Red Cross blankets to senior citizens in Putnam County during a nor'easter blizzard on March 7, 2018.

by providing response, rescue, relief and recovery capabilities that states, localities and other federal agencies may lack in a CBRN event. HRF units conduct unit training for CBRN response in addition to the unit's wartime mission requirements.



Army National Guard Spec. Xavier Dixon (left) and Spec. Cody Patenaude, members of the 42nd Infantry Division headquarters, take a break from conducting chainsaw maintenance while conducting debris clearance operations in Rockland County, N.Y. on March 9, 2018.

Counter Drug Task Force

The New York National Guard Counterdrug Task Force provides support to local, state and federal law enforcement agencies. In addition the task force works to assist local community-based anti-drug groups deal with the threats to their communities that drug use and associated criminal activity poses.



NYC Region Civil Operation Specialists, Staff Sgts. Windollyn Patino and Luis Giron, and the Mid-Hudson Police Chief Association worked together to document and transfer prescription drugs for proper destruction.

At the end of 2018 there were 159 Soldiers and Airmen assigned to counterdrug task force.

During federal fiscal year 2018 the task force conducted 221 missions across New York. Task force members use their military acquired skills in management, organization and intelligence analysis to assist law enforcement and community anti-drug groups.

The task force provided investigative, analytical, mapping, and reconnaissance support to law enforcement confronting both domestic and international drug trafficking organizations.

The task force also provided specialized analytical support in the field of financial crimes, and provided detection equipment support to aid law enforcement in illicit narcotics discovery and interdiction. Their efforts directly supported 91 state, local and federal law enforcement entities.

The Counterdrug Task Force assisted in arrests resulting in more than \$67 million in total seizures. Confiscations associated with these arrests included:

- 110 weapons;
- 39 vehicles;
- 290 pounds of heroin;
- 2,902 pounds of cocaine;
- 31 pounds of Methamphetamines;
- 1,128 Opiate pills;
- 6,498 MDMA (Ecstasy) Pills;

And 6,423 pounds of Cannabis.

Additionally, over \$7 million in US currency and \$4.4 million in property was also seized.

The Task Force's Civil Operations program continues to perform community outreach services, in order to confront substance abuse related issues in New York's communities. In 2018, the Task Force was involved with the Governor's Opioid Steering Committee, as a force multiplier in assisting with the current opioid and prescription drug abuse epidemic.

Working in conjunction with the New York State Office of Alcohol and Substance Abuse Services (OASAS), 25 Civil Operations Specialists applied their unique military skills, such as organizational decision making and self-assess-

ment processes, to develop and sustain 110 community based organizations located in 30 of the state's 62 counties.

During 2018, Civil Operations Specialists conducted over 25 community reviews, aided in placing 1 additional prescription medication drop box, and assisted 16 coalitions either receive or renew the Drug Free Community grant. Furthermore the New York Counterdrug Task Force won the National Guard Bureaus' Civil Operations Program of the Year Award for 2018.

During the 2018 fiscal year UH-72 light utility helicopters assigned to the task force flew 83.6 hours in support of local, state and federal law enforcement. Counterdrug Aviation was responsible for over \$1.7 million in seizures in fiscal year 2018.

The task force also employed a dedicated Counterdrug Detection Unit that operated with numerous law enforcement agencies and probation departments, deploying several unique pieces of equipment to assist with detections and other assistance.

The team supported 21 law enforcement operations and public venue security missions.

Task force personnel used ion-scan technology to detect traces of explosives and illegal substances on vehicles, individuals, and other items. They also utilized the Mini-Z Back-scatter X-Ray device to assist law enforcement in searches, and employed the Cellebrite data extraction scanner service to assist law enforcement agencies in obtaining crucial information from cellular phones taken as evidence in ongoing investigations.

Task force linguists continue to support both civil operations and criminal investigations unique to New York State.

During federal fiscal year 2018, National Guard linguists provided translation support in a variety of languages, to include Arabic, Russian, French, and Chinese-Mandarin. Additionally, linguists continue to be an asset in substance abuse opposition on a national level.

Honoring New Yorkers in 2018

The New York Army and Air National Guard provided military funeral honors for 11,326 families of veterans and military members during 2018.

Those honored in 2018 included Lewis Smith, a former Soldier who served in the Army from 1958 to 1960, and who was buried at Gerald B. Solomon Saratoga National Cemetery on Dec. 20; and Army Pfc. John Martin, a Soldier who fought and died in Korea in Dec. 1950 and was interred Dec. 2 in the cemetery in Schuylerville, N.Y. next to his parents.

The number is not much different from the 11,170 funeral services the New York Army and Air National Guard conducted across the state in 2017.

New York Army National Guard teams located across the state conducted 9,034 funerals during 2018.

The New York Army National Guard runs a centralized military funeral honors program with eight area offices.

The bulk of those funerals 5,184 were handled by Soldiers based on Long Island and New York City. Soldiers serving the region from Albany to Syracuse and north conducted 1,532 funerals. Another 2,034 funerals were conducted by teams covering the region from Rochester to Buffalo and the Southern tier counties.

The New York Air National Guard's base honor guards



Soldiers in the Honor Guard carry the casket of Pfc. John Martin, Schuylerville, N.Y., Dec. 2, 2018.

performed 2,292 funerals during 2018

The New York Air National Guard's five wings and the Eastern Air Defense Sector a component of the North American Aerospace Defense Command-each have their own base honor guard.

The 106th Rescue Wing at Gabreski Air National Guard Base at Westhampton Beach, N.Y. on Long Island, con-



Sgt. Raymond Rodriguez, a member of the northern district Honor Guard, folds the American Flag during a funeral service, at the Gerald B. Solomon National Cemetery, Saratoga Springs, N.Y., June 6, 2018.

ducted the most funerals, with 807 completed by New Year's Day 2019.

Tech. Sgt. Jason Rios has six full-time Airmen and six part-time Airmen to conduct funeral services for former Air Force members from New York City and Long Island, as well as the Hudson Valley when necessary.

About a third of the funerals the wing team covers are held at Calverton National Cemetery in Riverhead which, at more than 1,000 acres and more than 220,000 interments, is the largest national cemetery in the country.

The 105th Airlift Wing at Stewart Air National Guard Base in Newburgh, N.Y. conducted 230 funerals in 2018. The 109th Airlift Wing at Stratton Air National Guard Base in Scotia, N.Y. covered 402 military funerals by the end of the year.

The Eastern Air Defense Sector in Rome, N.Y. conducted 38 military funerals in 2018, while the 174th Attack Wing at Hancock Air National Guard Base in Syracuse, N.Y., conducted 356 military funerals for the year. The 174th has three Airmen devoted to funeral details on a full-time basis and 30 Airmen who volunteer for details when needed.

The 107th Attack Wing at Niagara Falls Air Reserve Station conducted 441 military funerals for Air Force veterans.

Since 2000, federal law has mandated that any military veteran who did not receive a dishonorable discharge from the armed forces is eligible for military honors at his or her funeral. The ceremony must include the folding and presenting of the flag of the United States to the veteran's survivors and the playing of Taps.

The New York Army National Guard provides services for Army veterans while the New York Air National Guard handles the funeral for those who have served in the Air Force.

The law mandates that all former service members' funerals must include the folding and presenting of an American flag to the veterans survivors and the playing of taps. The honor guard's normally use an electronic bugle, a bugle with a sound system inside to provide this other service.

Those eligible for funeral honors include:

- Military members on active duty or the Reserves, which includes the National Guard
- Former military members who served on active duty and departed under conditions other than dishonorable
- Former military members who completed at least one term of enlistment or period of initial obligated service in the Selected Reserve and departed under conditions other than dishonorable
- Former military members discharged from the Selected Reserve due to a disability incurred or aggravated in the line of duty

Serving military members and retirees are eligible for services that can include pallbearers and a firing party as well as the basic funeral functions.

Families can request military funeral services through their funeral service director.

The New York Army National Guard had been providing funeral honors for over 10,000 veterans annually from 2010 to 2014, but those numbers began declining as elderly World War II veterans died.

New York, according to the Department of Veteran Affairs, was home to 440,729 veterans over age 65 in 2015. That number is expected to decline to 356,246 as veterans in 2020 who served in World War II decline from 51,000 to 15,000.

The New York Army National Guard has 36 members who conduct funerals on a full-time basis and another 90 to 110 part-time Soldiers who can be called on as needed. Each Soldier goes through a training program designed to hone their skills in performing the precise steps involved in the program.



Sgt. Joshua Sanzo a member of the northern district Honor Guard, salutes the casket of Victor Frager, at the Gerald B. Solomon National Cemetery, Saratoga Springs, N.Y., June 6, 2018. Sanzo was conducting the funeral services for the family of Victor Frager



Sgt. Joshua Sanzo(left) and Staff Sgt. Raymond Rodriguez, members of the northern district Honor Guard, carry the American Flag and an Urn during a funeral service at the Gerald B. Solomon National Cemetery, Saratoga Springs, N.Y., June 6, 2018.

Facilities

The Division of Military and Naval Affairs operates and maintains 36 Armories, four National Guard Readiness Center/ Enclaves, The NYS Military Museum and Veterans Research Center, three Combined Support Maintenance Shops, 15 Field Maintenance Shops, three Army Aviation Support Facilities, the Maneuver Area Training Equipment Site at Fort Drum, one Warehouse and a Central Issue Facility at the Water Vliet Arsenal, the Camp Smith Training Site, four Local Training Areas, and 2 Civil Support Team facilities at Stratton Air National Guard Base and Fort Hamilton, Brooklyn.

In addition, DMNA must also maintain three armories that have been excessed to New York State Office of General Services but not yet divested. One of these, the Bedford Avenue Armory in Brooklyn, is used as a movie production facility.

Many agency installations were established around the turn of the 20th century and are on the state and federal historic register and are large, castle-like structures. Armories constructed since 1930 are typically brick structures, some with large drill halls. Armories built in the 1950s and 1960s have smaller drill hall space. The total size of the supported infrastructure is approximately 5.0 million square feet located on 5,560 acres.

New York's armories and logistical facilities are critical to the readiness of New York's military forces. Facilities are critical for mobilizing, staging, supporting, and sustaining response to disasters within New York State. Logistical facilities in the ARNG program are used to support 35 rotary and fixed wing aircraft, and nearly 3,500 authorized tactical vehicle systems, and other military equipment.

The buildings are used on a week-day basis and select weekend periods. In addition to the structure and logistical support programs, the armory infrastructures are used by the National Guard sponsored Drug Interdiction Programs as well as the state's militia force, the New York Guard.

The Division of Military and Naval Affairs Facilities and Engineer Directorate conducts continual maintenance on these facilities.

Supported projects include heating system replacements and upgrades, mechanical, roof, window and door replacements, stair and railing repair, space conditioning, paving, and other health and safety initiatives. Modernization of spaces is essential to meet emerging technology from new equipment fielding and training requirements. The DMNA continues to manage its capitol backlog of SRM projects in order to keep our facilities functional and to meet current codes and Army National Guard Standards.

The primary standards that dictate upgrade or renewal are local, state and federal mandates. Many projects requested are the direct result of the infrastructure not being in compliance with the International Building Code as well as many environmental mandates.

Replacement of building components, to include roofs, heating, and mechanical systems are designed and contracted to meet current construction principles, using modern energy efficient techniques and materials. As replacements of these systems are programmed, other related improvements will result in utility savings, and also reduce repetitive maintenance requirements, which will be incorporated such as energy efficient lighting, windows, doors, and insulation.

Interior alterations and rehabilitation of existing buildings are based on federally published criteria for National Guard activities. Space requirements to support the assigned military units and related equipment are contained in various publications. In most cases, design must be consistent with the surrounding architecture, especially at those sites with a historical significance to the surrounding community.

During 2018 the Division of Military and Naval Affairs completed five major infrastructure projects.

The largest project was the renovation of the historic 5th Avenue, or



The front entrance to the New York State Armory in Harlem, facing the East River. Soldiers of the New York Army National Guard's 369th Sustainment Brigade Headquarters Company marked their return to their Harlem Armory after a four-year renovation project November 10, 2018.

Harlem Armory, which is the home of the 369th Sustainment Brigade. The building was originally constructed in the 1920s and 30s to house the famous 369th Infantry Regiment, an African-American unit which earned the nickname the Harlem Hellfighters during World War I.

The \$60 million project began in 2014 and include exterior and interior work. Work on the outside of the building involved rebuilding walls and roofing and replacing historically significant features like the giant Art Deco eagles on the outside of the building.

Inside the interior of the building was completely updated. Mechanical, electrical, plumbing and heating and air conditioning systems were replaced. New fire safety features were built into the building.

Two new roof generators, and a new data distribution system brought the building into modern code and electrical compliance.

New heating and cooling throughout was improved with new roof chillers, roof boilers, hot and cold water piping/booster pumps, and a new building automation system was installed.

Locker rooms, the kitchen, gym, and dining area were redone and the office space modernized in keeping with the latest standards.

At the same time, DMNA worked to ensure that historic features of the structure, which included artwork incorporating the unit's "black rattler" crest were maintained.

The 369th and associated units officially reoccupied the structure on Nov. 11, 2018, although some work on the basement involving lead and asbestos abatement is still ongoing.

Major General Ray Shields cut the ribbon on a new Combined Support Maintenance Shop at Camp Smith Training Center on June 21, 2018.

This \$20.5 million project is a 40,830 square foot masonry and insulated metal structure that incorporates 30,000 square feet of maintenance space and 11,000 square feet of administrative and support space.

The maintenance building replaces a facility constructed in 1949 and is designed to provide maintenance support for about 1,200 vehicles assigned to Army National Guard units from the Mid-Hudson Valley down to the Bronx. Work on the project began in September 2015.

These vehicles are used for training and to support the Guard's emergency response mission. The new, modern bays are configured to support modern Army trucks, humvees and tracked vehicles and are a safer work environment for mechanics than those in the 1949 building being replaced.

The facility incorporates an energy efficient design and is illuminated with state-of-the-art LED light fixtures and light control technology. The heating, ventilation and air conditioning system also incorporates state-of-the-art technology to save energy. The building uses radiant floor heating in the work bays and also utilizes geothermal heating and cooling in the administration areas. These design measures, as well as the use of renewable and sustainable materials in the construction, resulted in the U.S.

Green Building Council giving the project its Silver rating.

Camp Smith's Building 70, which was formerly and organization maintenance shop is being converted into a new simulator, virtual reality and training device center.

In 2018 dilapidated portions of the building were demolished in conjunction with drainage improvements. The exterior of the building was redone with energy efficient roofing, modern panels and insulated metal panel walls.

The cost for this part of the project was \$2.5 million.

Design work for the interior of the structure is underway and the goal is to have the new simulator and training center ready for use in 2021.

The transformation of Camp Smith's Building 75 into a 7,000 square foot multi-purpose training space was completed in the spring of 2018 at a cost of \$2.8 million. The building was formerly a cold storage facility.

A monument to New York Army National Guard Soldiers Sgt. Andrew Seabrooks, Sgt. Nelson D. Rodriguez, and Spc. Anthony L. Mangano and Lt. Col. James Walton was dedicated as part of the renovated building. The Soldiers were killed in 2008 during a roadside ambush outside of Kanda-

har, Afghanistan and a Forward Operating Base was named after Walton. The marker that was at the FOB was placed on Building 75.

Just over \$1.5 million dollars was invested in the Building 501 lodging facility at Camp Smith. The project included replacement of over 60 fan coil units, new insulation, controls, and accessory equipment which will directly improve the climate control in the building, comfort of Soldier and guests to the facility, and will vastly improve energy efficiency. The last remaining portion of the project is a modern energy efficient chiller for the buildings cooling system. This project reached 95% completion in 2018 with only commissioning of the building remaining.

Specific National Guard military construction projects for state fiscal year 2019-2020 include the closeout of construction at the 5th Ave Armory Alteration. A new Field Maintenance Shop (FMS) in Troy, NY, at the 42nd Infantry Division Headquarters has been approved in the Future Years Defense Plan and the agency will begin design work in 2020.



Construction of the new Combined Support Maintenance Shop at Camp Smith Training Site continues. The new facility, completed in 2018, will provide support to units on Long Island and in New York City and the Hudson Valley.

Camp Smith Training Site

Personnel Trained on Ranges		Personnel Using Training Areas		Billeting Use	
Army National Guard	3,698	Army National Guard	9,044	Barracks	74,392
Air National Guard	49	Air National Guard	936	Lodging	6,842
U.S. Army Reserve	35	U.S. Army Reserve	0	Total: 81,234	
Non DoD	4,209	U.S. Army	160	Simulator Use	
		DoD Other	80		
		Non-DoD	167		
Total: 7,991		Total: 10,387		Army National Guard	10,868
				U.S. Army Reserve	0
				Total: 10,868	



Youngstown Training Area

Personnel Trained on Ranges		Personnel Using Training Areas	
Army National Guard	406	Army National Guard	2,566
U.S. Army Reserve	161	U.S. Air Force Reserve	99
		U.S. Army Reserve	212
Total: 567		Total: 2,877	

Photo above: New York Army National Guard Soldiers assigned to the 369th Sustainment Brigade, ruck march at Camp Smith, part of their Fort Drum and Camp Smith, N.Y., dual location annual training exercise August 16, 2018.

Camp Smith Training Site

Camp Smith, located in the town of Cortlandt Manor is the Division of Military and Naval Affairs' premier training facility.

Camp Smith is used by the New York Army and Air National Guard, the New York Guard, the New York Naval Militia as well as by Army, Air Force and Marine Corps Reserve members, National Guard members from other states, and local, state and federal law enforcement agencies, and the United States Military Academy.

Camp Smith is managed by the Division of Military and Naval Affairs Facilities and Engineering Directorate and the Camp Smith Garrison, a New York Army National Guard unit.

The Camp Smith Training Site, used by the New York National Guard since 1882, consists of 1,582 acres, which includes a 95-acre cantonment area, training ranges, training simulators, a New York National Guard Readiness Center, dining facilities, barracks and visitors quarters.

Camp Smith's two barracks buildings can house 585 people during normal usage and 1,140 personnel during surge operations. Another 112 can be housed in the visitors' quarters known as O'Brien Hall.

The dining facilities are used for troop meal service. Units with organic food services may also utilize the kitchen area for food preparation and cooking.

Camp Smith is host to the Combined Support Maintenance Shop that provides maintenance support to New York Army National Guard elements on Long Island, in New York City and in the Hudson Valley. The facility opened in 2018.

The facility includes three general purpose work bays, an inspection bay and a welding bay, as well as a washing bay. There are also rooms where electronics, weapons, generators, and other military equipment can be repaired.

The new, modern bays are configured to support modern Army trucks, humvees and tracked vehicles and are a safer work environment for mechanics than those in the 1949



Staff Sgt. Daniel London, a Soldier assigned to 4th Financed Detachment, New York Army National Guard, carries two 40-pound kettle bells during an Army Combat Fitness Test grader certification training on the parade field at Camp Smith Training Site, Cortlandt Manor, N.Y., Nov. 29, 2018



U.S. Army Spc. Joshua Yajcaji a native of Brick, N.J., assigned to Company B, 1-114th Infantry Regiment, in a security position after dismounting a CH-47 Chinook helicopter from to Detachment 2, Company C, 3rd Battalion, 126th Aviation, at the start infantry reclassification course 18-002, final field training exercise, which lasted 48 hours at Camp Smith Training Site, Cortlandt Manor, N.Y., Aug. 13, 2018

building being replaced.

The facility incorporates an energy efficient design and is illuminated with state-of-the-art LED light fixtures and light control technology. The heating, ventilation and air conditioning system also incorporates state-of-the-art technology to save energy. The building uses radiant floor heating in the work bays and also utilizes geothermal heating and cooling in the administration areas.

Camp Smith serves as a key loca-

tion for New York National Guard responses to state emergencies occurring in the Hudson Valley and downstate New York. The facilities can house and feed troops assigned to duties in the region and the 53rd Troop Command, the unit responsible for mission command of New York National Guard missions in the lower Hudson Valley is headquartered at Camp Smith.

Camp Smith maintains eight ranges for Soldiers and Airmen to qualify

Camp Smith Training Site

and train with rifles, pistols, hand grenades and the M203 grenade launcher.

Simulators are available at Camp Smith to enhance training. Among these are:

- The Humvee Egress Assistance Training or HEAT, which allows Soldiers to practice the skills needed to survive a humvee rollover;
- The Engagement Skills Trainer 2000, a computerized electronic range system that allows Soldiers to conduct marksmanship training without using ammunition;
- And the Virtual Convoy Trainer or VCOT, which utilizes computer stations to allow teams to practice convoy procedures in a 360-degree virtual environment.

During 2018 the 106th Regional Training Institute laid out six rappel and climbing lanes on the cliffs near O'Brian Hall at Camp Smith.

Along with plenty of maneuver space for basic tactical training, Camp Smith boasts leadership reaction, urban assault and land navigation courses, a military operations in urban ter-

rain facility, an NBC training facility, a hand-to-hand combatives pit, a running track and a parade field.

A 15-station distance learning center is also available for training courses and on-line education.

Camp Smith hosts tactical training conducted for both Officer Candidate School and NCO courses, as well as military occupational specialty (MOS) courses when necessary.

Each year Camp Smith hosts the annual New York National Guard Adjutant General's Match, a shooting competition, as well as the annual New York Army National Guard Best Warrior Competition. Camp Smith has also hosted the regional Best Warrior competition.

Along with being the home of the 53rd Troop Command, one of two New York Army National Guard general officer commands, Camp Smith also houses a company of the 1st Battalion, 69th Infantry, the 42nd Infantry Division Band and the 138th Public Affairs Detachment.

In 2018, the headquarters of the 369th Sustainment Brigade temporarily

occupied space on Camp Smith during renovations to their armory in Harlem. The unit was able to move back into its Harlem Armory space in November 2018.

The 106th Regional Training Institute is located at Camp Smith and provides training classes for Army National Guard and Army Reserve personnel. In 2018 the 106th trainers conducted military occupational specialty producing classes for truck drivers, medics, and infantrymen. The 106th also conducted officer candidate school classes, military funeral honors courses, combat lifesaver courses, enlisted leader training, and training in CPR.

During May 2018 Camp Smith hosted the Army National Guard's Northeast Region Best Warrior Competition as well as the 2018 Adjutant General's marksmanship competition.

The New York Guard, the state's self-defense force, is headquartered at Camp Smith and the New York Naval Militia keeps boats used by its Military Emergency Boat Service at the location.



New York Army National Guard Soldiers assigned to the 369th Sustainment Brigade, ruck march at Camp Smith, part of their Fort Drum and Camp Smith, N.Y., dual location annual training exercise August 16, 2018.

New York Army National Guard

At the end of 2018 the New York Army National Guard had an authorized strength of 10,207 and an assigned strength of 9,915 Soldiers.

Of that number, 864, were Active Guard and Reserve Soldiers who serve on a full-time basis.

The commander of the New York Army National Guard is Major General Raymond Shields, who is concurrently the Adjutant General of New York. Brig. General Michel Natali, who also serves as the commander of the 53rd Troop Command, serves as Assistant Adjutant General, Army; a New York state position.

The Chief of Staff of the New York Army National Guard in 2018 was Brig. Gen. John Andonie.

The New York National Guard is divided into two General Officer Commands: The 42nd Infantry Division, headquartered in Troy and the 53rd Troop Command headquartered at Camp Smith near Peekskill.

The 42nd Infantry Division provides combat and combat support units while the 53rd Troop Command includes combat support and combat service support elements.

A Joint Force Headquarters element accounts for command and staff positions at state headquarters, along with several specialty units.

The 42nd Infantry Division

42nd Infantry Division Headquartered at the Glenmore Road Armory in Troy, the Division is commanded by Major General Steven Ferrari.

The division celebrated its centennial in 2017. The unit was first organized in 1917 when National Guard units from across the country were combined into one division for deployment to France during World War I.

The multiple state division was the inspiration of Col. Douglas MacArthur, who later commanded American forces in the Pacific in World War II and multinational forces in Korea. MacArthur said the division, with units from 26 states, would reach across the country "like a Rainbow." The division takes its nickname of "The Rainbow Division" from that comment.

The 42nd Infantry Division can com-



New York National Guardsmen prepare to fire during The 39th Annual Adjutant General's Marksmanship Competition at Camp Smith Training Site, N.Y., June 1, 2018.

mand up to four combat brigades and associated support, fires and aviation brigades. In 2005 the division headquarters commanded two Active Army and two National Guard Brigades in four Iraqi provinces north of Baghdad.

The 42nd Infantry Division is responsible for two brigade commands in New York: the 27th Infantry Brigade Combat Team headquartered at the Thompson Road Armory in Syracuse, and the 42nd Combat Aviation Brigade, headquartered in Latham.

Soldiers assigned to the 42nd Infantry Division headquarters are part of Headquarters and Headquarters Battalion 42nd Division, commanded by Lt. Col. Gurpreet Singh.

The strength of the 42nd Infantry Division's New York elements was 5,097 in December 2018.

During 2018 the 42nd Infantry Division headquarters was also the headquarters element for the FEMA Region II Homeland Response Force or HRF. The HRF is composed of National Guard elements from New York and New Jersey which responds to chemical, biological, radiological, or nuclear attacks.

The division exercised its HRF responsibilities during a three-day exercise April 12-15 conducted at locations at Stewart Air Force Base, division headquarters in Troy, and at

Camp Hartel near Windsor Locks, Connecticut. The scenario was built around a terrorist attack using chemical and biological agents on the Holland Tunnel in New York City.

On February 7 the division headquarters hosted a meeting for representatives of the Vermont, Pennsylvania, New York, Rhode Island, Massachusetts, New Hampshire, New Jersey and Ohio Army National Guards, along with U.S. Army Reserve and 10th Mountain Division representatives for a regional Army partnership conference. The goal was to focus on joint training opportunities.

Twenty-five Soldiers from the division headquarters traveled to France, July 23-30, to represent the division and the Army at a number of events commemorating the 100th anniversary of World War I and the division's role in those battles.

During 2018 the 10th Main Command Post Operational Detachment, or 10th MCPOD, deployed to Afghanistan in support of the 10th Mountain Division. The unit provides Soldiers to augment the division's headquarters.

27th Infantry Brigade Combat

The 27th Infantry Brigade Combat Team (IBCT) is a light infantry brigade comprised of three infantry battalions, a cavalry squadron, an artillery battalion, a brigade engineer battalion and



Soldiers assigned to the 206th Military Police Company, conduct training at Fort Drum, N.Y., June 14, 2018.

a support battalion. Elements of the brigade are located across New York from Long Island to Jamestown.

One battalion the 1st Battalion, 182nd Infantry is part of the Massachusetts Army National Guard.

The brigade is commanded by Col. Christopher R. Cronin

The brigade traces its history back to the 27th Division of the New York National Guard which fought in France in World War I and in the Pacific in World War II. Nicknamed the "Orion Brigade" the nickname was inspired

by the name of the 27th Division commander in World War I Major General O'Ryan.

The brigade's strength in Dec. 2018 was 3,300 Soldiers.

Elements of the 27th Infantry Brigade Combat Team are:

- The 1st Battalion, 69th Infantry, known as the "Fighting 69th", which is headquartered at the Lexington Avenue Armory in New York City and has elements at Farmingdale, Long Island and Camp Smith. The 69th traces its history back to the Civil War

and earned its nickname from Confederate General Robert E. Lee. The battalion is commanded by Lt. Col. Don McKay.

- The 2nd Battalion, 108th Infantry, headquartered in Utica, with elements in Morrisonville, Gloversville, Ogdensburg, Leeds and Ithaca. The Battalion is commanded by Lt. Col. Jeffrey Csoka;

- The 1st Battalion, 182nd Infantry of the Massachusetts Army National Guard, whose battle credits include King Phillips War in 1675, was assigned to the 27th IBCT in late 2016. The commander is Lt. Col. Shane Maxon.

- The 2nd Squadron, 101st Cavalry, headquartered in Niagara Falls with elements in Jamestown, Buffalo, and Geneva. The commander is Lt. Col. William Murphy;

- The 1st Battalion, 258th Field Artillery, nicknamed the "Washington Grays", headquartered in Jamaica, Queens with elements in the Bronx and New Windsor. According to tradition a company of the unit's New York militia ancestor escorted George Washington when he was inaugurated as president in New York City in 1789. The commander is Lt. Col. Marc Lindemann;

- The 152nd Brigade Engineer Battalion, headquartered in Buffalo with



Spc. Robert Marino, a military police assigned to the 107th Military Police Company, 104th Military Police Battalion, runs through smoke during the stress shoot event of the NY Best Warrior Competition at Camp Smith Training Site, N.Y., April 19, 2018.

elements in Syracuse, Lockport and Rochester. The battalion was created by adding a second engineer battalion to the 27th Brigade Special Troops Battalion and making some additional organizational changes. The new structure provides more engineer support to the brigade. The battalion also includes the brigade's signal company and Intelligence Company. The Commander is Lt. Col. April Bennett.

- The 427th Support Battalion, headquartered in Syracuse with elements in Buffalo, Fort Drum, New York City, Rochester, and Glenville. The battalion also has support companies assigned to each battalion headquarters. The commander is Lt. Col. Shawn Shutts.

During 2018 the 27th Brigade made two major changes which increased the lethality of the organization.

The 1st Battalion 258th Field Artillery added a battery of M-777A2 towed howitzers to its force structure. The new howitzers are longer ranged and can fire larger rounds more accurately than the M119A2 105 millimeter howitzers that the other two batteries are equipped with.

The transformation of the 27th Brigade Special Troops Battalion into the 152nd Brigade Engineer Battalion also increased lethality by adding a company specializing in the construction and breaching of obstacles to the brigade.

During 2018, 220 Soldiers from the brigade's headquarters company and the 2nd Squadron 101st Cavalry were deployed to Ukraine and participated in a NATO training mission aimed at improving the combat effectiveness of Ukraine's Army.

42nd Combat Aviation Brigade

The 42nd Combat Aviation Brigade is headquartered in Latham and is configured to command three to four aviation battalions. The brigade exercises command and control over an assault helicopter battalion, an aviation support battalion, and an air ambulance company, and a heavy lift helicopter detachment which are components of units headquartered in other states.

The commander of the brigade is Col. Jack James. The 42nd Combat Aviation Brigade had just under 1,000 Soldiers in December 2018.



Ukrainian Soldiers conduct RPG-7 (rocket-propelled grenade) training with New York Soldiers during training at the Yavoriv Combat Training Center January 30, 2018

Elements of the 42nd Combat Aviation Brigade are:

- The 3rd Battalion, 142nd Assault Helicopter Battalion, an assault helicopter battalion flying the UH-60 Blackhawk helicopter with elements in Latham and Ronkonkoma. The commander is Lt. Col. Jason Lefton;
 - The 642nd Aviation Support Battalion, a maintenance battalion with elements in Rochester, Farmingdale, Olean and Dunkirk. The commander is Lt. Col. Shawn Hatch.
- The brigade also exercises administrative authority over:
- Company C, 1st Battalion, 171st General Support Aviation Battalion, an air ambulance company flying the UH-60 Blackhawk in Rochester. The battalion is headquartered in Georgia;
 - Detachment 1, B Co. 3rd Battalion, 126th Aviation, an element of a CH-47 Chinook heavy lift helicopter company headquartered in Maryland. The New

York element is based in Rochester with detachments of the battalion's E and D companies also based in Rochester;

- Detachment 2, 1st Battalion, 224th Security and Support Battalion flying the UH-72 Lakota in Latham.

53rd Troop Command

The 53rd Troop Command is headquartered at Camp Smith in Cortlandt Manor near Peekskill and is led by Brig. Gen. Michel Natali.

The 53rd Troop command is responsible for two brigade level commands, the 369th Sustainment Brigade, headquartered at the historic 5th Avenue Armory in Harlem, New York City; and the 153rd Troop Command in Buffalo.

The 53rd Troop Command also includes the 53rd Digital Liaison Detachment, an element configured to serve at corps and theater level headquarters. The 53rd Digital Liaison Detachment is headquartered at



Soldiers assigned to B Company 3rd Battalion of the 126th Aviation Regiment stand together following their Welcome Home Ceremony in Rochester, N.Y., Feb. 10, 2018.

the historic Park Avenue Armory and commanded by Col. Patrick Macklin.

The 53rd Troop Command had a strength of 3,900 Soldiers in December 2018.

369th Sustainment Brigade

The 369th Sustainment Brigade is a logistics headquarters capable of controlling three to five logistics subunits and sustaining combat forces. The 369th Sustainment Brigade traces its history back to the historic 369th Infantry Regiment of World War I. This African-American segregated unit distinguished itself during World War I fighting under French Command, earning many awards for bravery and was eventually nicknamed the "Harlem Hellfighters".

The regiment is based at the historic 5th Avenue Armory. The commander of the 369th Sustainment Brigade is Col. Stephen Bousquet.

The brigade reported a strength of 2,200 at the end of 2018.

- The 369th Brigade Special Troops Battalion, with elements in New York City, Peekskill, and Farmingdale. The commander is Lt. Col. Todd Balog;
- The 101st Expeditionary Signal Battalion, headquartered in Yonkers with elements in Peekskill and Orangeburg. The commander is Lt. Col. Ian Seagriff;
- The 104th Military Police Battalion, headquartered in Kingston, with elements in Queens, Camp Smith, and Fort Hamilton, Brooklyn. The commander is Lt. Col. Marshall Hunt;
- The 145th Maintenance Company on Staten Island;
- The 133rd Quartermaster Company at Fort Hamilton, Brooklyn;
- The 719th Transportation Company at Camp Smith;
- The 1569th Transportation Company in New Windsor;
- The 37th Finance Detachment at the Whitestone Armory in Queens.

During 2018 the 101st Expeditionary Signal Battalion was deployed to Kuwait conducting signal support operations throughout the Central Command area of operations.

153rd Troop Command

Headquartered at the Connecticut Street Armory in Buffalo, the 153rd Troop Command is responsible for support and combat service support units in Western and Central New York.

The commander is Col. Michael Fowler.

The 153rd Troop Command reported a strength of 1,500 at the end of 2018.

153rd Troop Command units are:

- The 102nd Military Police Battalion in Auburn with elements in Rochester, Hornell, Buffalo, Latham, and Utica. The commander is Lt. Col. Matthew Schaffer;
- The 204th Engineer Battalion which is headquartered in Binghamton with elements in Kingston, Camp Smith, Buffalo, Horseheads, and Walton. The commander is Lt. Col. Wing Yu;
- And the 501st Ordnance Battalion (Explosive Ordnance Disposal) which is headquartered in Glenville with elements in Queensbury and Fort Drum. The commander is Lt. Col. Henry Padley.

During 2018 the 501st Ordnance Battalion deployed a command and control element to Afghanistan to act as a headquarters for explosive ordnance disposal units in southern Afghanistan.

Joint Force Headquarters

New York Army National Guard units falling under Joint Force Headquarters include a number of specialty units that include:

- The 106th Regional Training Institute, based at Camp Smith Training Site, which manages Military Occupational Specialty and leadership

training programs. The Brigade commander is Col. Diane Armbruster. The 105th has two subordinate battalion headquarters; the 1st Battalion 106th RTI commanded by Lt. Col. James Cahill, and the 2nd Battalion 106th RTI commanded by Lt. Col. Michael O'Hara;

- The Recruiting and Retention Battalion which operates across the state to provide Soldiers to New York Army National Guard units. The commander is Lt. Col. Brian Hyer;
- New York Army National Guard Medical Command. The commander is Col. Richard Green;
- Camp Smith Training Site Garrison, commanded by Lt. Col. Michael Gieraltowski;
- The New York National Guard Counterdrug Task Force; commanded by Col. Carlton Cleveland
- 2nd Weapons of Mass Destruction-Civil Support Team, based at Stratton Air National Guard Base and commanded by Lt. Col. Aron Sacchetti;
- 24th Weapons of Mass Destruction-Civil Support Team, based at Fort Hamilton, Brooklyn and commanded by Major Andrew Couchman;
- Headquarters and Headquarters Detachment which is responsible for Army National Guard Soldiers assigned to the Joint Force Headquarters;
- Cyber Protection Team 173, a joint New York and New Jersey National



Soldiers from Charlie Battery, 1st Battalion, 258th Field Artillery, fire a M777 Howitzer, on Fort Drum, Watertown N.Y., May 22nd, 2018.

Guard unit dedicated to defending U.S. computer networks against unauthorized intrusions;

- The 138th Chaplain Detachment;
- The State Aviation Office which overseas New York Army National Guard aviation.

During 2018 Soldiers of Cyber Protection Team 173 were deployed to Fort Meade Maryland to assist in cyber security missions.

NYARNG Events

At the beginning of 2018, New York Army National Guard PFC Emmanuel Mensah was recognized with a posthumous award of the Soldiers Medal to his family by Lt. Gen. Thomas Kadavy, the Director of the Army National Guard.

Mensah was killed on Dec. 28, 2017 while rescuing people from an apartment fire in the Bronx. Kadavy praised Mensah for saving four lives and repeatedly entering the burning building until he succumbed.

In July two members of the 1st Battalion 69th Infantry Sgt. Ilya Titov and Sgt. Quentin Davis represented the New York Army National Guard and the northeastern state at the Army National Guard's nationwide Best Warrior competition at Fort Indiantown Gap, Pennsylvania. The two Soldiers won the enlisted and NCO categories in the competition for New York and the northeast.

Titov was the runner up in the enlisted competition at Fort Indiantown Gap, coming in after Spec. Bailey Ruff, a member of the South Dakota Army National Guard.

During Annual Training in May the 1st Battalion 258th Field Artillery hosted a World War II veteran of the battalion, Pfc Charlie Brown, age 94, for a visit at Fort Drum. Brown got an opportunity to pull the lanyard on one of the battalion's new M-777A2 towed 155 millimeter howitzers and to meet with Soldiers of the modern battalion.

Brown, who served with the battalion in 1944 and 1945, had violated orders in 1945 and kept records about the 258th's actions while fighting into Germany and turned them over to the New York State Military Museum.

In December the Soldiers of the 258th honored Brown by presenting him with the Order of St. Barbara during their annual dinner.



Pvt. Wanda Coats, a culinary specialist with Foxtrot Company, 427th Brigade Support Battalion, New York Army National Guard, cooks potatoes during the state-level Philip A. Connelly Cooking Competition at Camp Smith, N.Y., Sept. 8, 2018.

From July 30 to August 10, 45 Soldiers from the 204th Engineer Battalion served in Puerto Rico helping to build housing to replace that destroyed in hurricanes in 2017. The engineers worked with Habitat for Humanity to build a three-family home. The team also worked on projects at Munoz Air National Guard Base and Camp Santiago, a Puerto Rico National Guard facility.

In June Soldiers of the 102nd Military Police Battalion conducted annual training at the Department of Defense Joint Regional Corrections Facility in Leavenworth, Kansas. The Soldiers worked with their counterparts from the Active Army's 705th Military Police Battalion (Detention) at the prison.

In July, 45 Soldiers from the 204th Engineer Battalion deployed to Puerto Rico as part of the Department of Defense Innovative Readiness Training program where they assisted in construction housing with the Habitat for Humanity Program.

The engineers, who deployed from July 30 to August 10, assisted in construction a three family home and also undertook projects in support of the Puerto Rico National Guard. Twenty of the Soldiers were members of the 1156th Engineer Company which specializes in building construction.

Chief Warrant Officer 5 Jacquelin "Jackie" O'Keefe replaced Chief War-

rant Officer 5 Jeffrey Schirmer as the Command Chief Warrant Officer of the New York Army National Guard. As Command Chief Warrant Officer, O'Keefe is responsible for implementing the New York Army National Guard's Warrant Officer Program.

Three New York Army National Guard Soldiers deployed to Ukraine were awarded Army Commendation Medals for their efforts in assisting a Ukrainian civilian. 1st Lt. Brandon Hall, Sgt. 1st Class Peter Harper, and Sgt. James Rude, were recognized for rendering first aid to an unconscious man in the city of Livov in December, 2017.

Five New York National Guard Soldiers represented the state at the National Guard's annual biathlon championship in Utah in February and March 2018. The sport combines skiing and marksmanship.

Two spouses of New York Army National Guard Soldiers met with Karen Pence, the wife of Vice President Mike Pence during a visit to Syracuse on June 19. Rachel Smith and Jennifer Coogan joined spouses of New York Air National Guard members in a discussion with Pence about military family issues at Syracuse University.

In May Soldiers from A and C companies of the 2nd Battalion 108th Infantry and Company A of the 27th Brigade Special Troops Battalion

acted as the opposing force during an exercise at the Joint Readiness Training Center in Fort Polk, Louisiana. Three hundred and sixty New York Army National Guard Soldiers took part in the three-week mission.

The 145th Maintenance Company also deployed 39 Soldiers to support a unit from the Louisiana Army National Guard.

Top honors in the annual Adjutant General's marksmanship competition at Camp Smith in June went to a Soldier in the 145th Maintenance Company. Spc. Nick Austin, a small arms repairman, won 1st place in the Sgt. Henry Johnson Individual Combat Rifle Match at the three-day event.

Thirty Soldiers from the 642nd Aviation Support Battalion conducted their annual training at the Corpus Christi Army Depot in Corpus Christi, Texas. The Soldiers worked on avionics equipment at the depot, which helped the Army repair needed equipment and helped them develop their skills.

MOBILIZATION and DEPLOYMENTS

Since Sept. 11, 2001 the New York Army National Guard has deployed troops to Afghanistan, Iraq and other locations in support of national objectives in a federal status.

Since Sept 11, 2001 deployments in federal Title 10 status are:

- Afghanistan- 7,862
- Iraq-4,275
- Kuwait- 2,881
- Continental U.S./Other – 1,488

During 2018 709 Soldiers in six units were deployed in Iraq, Afghanistan, Kuwait, the continental United States and Ukraine.

Joint Multinational Training Group –Ukraine

Two hundred and twenty Soldiers from the 27th Infantry Brigade Combat Team headquarters and the 2nd Squadron 101st Cavalry were deployed at the Yavoriv Combined Arms Training Center in Livov, Ukraine when 2018 opened.

The New York National Guard Soldiers were assigned to the Joint Multinational Training Group- Ukraine and worked with NATO troops from Canada, Denmark, Lithuania, Poland and the United Kingdom to assist Ukrainian Army troops training at the Yavoriv Combat Training Center near the City of Livov, Ukraine



Staff Sgt. Ronald Thomas, an infantryman assigned to the 101st Cavalry observes training conducted by Ukrainian Army soldiers at the Yavoriv Combat Training Center Feb. 16, 2018 as part of the Joint Multinational Training Group – Ukraine.

Under the command of Col. Dennis Deeley the New York troops helped oversee training for Approximately 2,000 Ukrainian Soldiers organized into four battalion training groups.

The Ukrainian soldiers trained on computer simulators and in the field. The American Soldiers helped their Ukrainian counterparts plan and execute training missions.

The Soldiers deployed from New York to Fort Bliss, Texas on October 2, 2017 and after a month of training at Fort Bliss 60 Soldiers deployed to the Army's training center on Grafenwoehr, Bavaria, Germany for training with the 7th Army Joint Multinational Training Command.

The New York team took over the mission from Oklahoma National Guard troops on Nov. 22, 2017.

The New York National Guard team turned the mission over to elements from the Tennessee Army National Guard's 278th Armored Cavalry Regiment and returned to the United States in August 2018

Unfortunately, the unit lost Specialist Joseph Nelk, age 21, a resident of Pittsford, who died unexpectedly of natural causes. Nelk was a member of the 2nd Squadron, 101st Cavalry who had enlisted in the New York Army National Guard in March, 2015.

10th Main Command Post Operational Detachment

Ninety-one New York Army National Guard Soldiers assigned to the 10th Main Command Post Operational

Detachment (MCPOD) mobilized in January for deployment with the 10th Mountain Division headquarters.

The unit was activated in 2016 in Syracuse, NY. The detachment is designed to augment the 10th Mountain Division command post during combat deployments with staff officers and NCOs that bring added skills to the headquarters.

The Army created these detachments to reinforce active Army headquarters elements that were cut from about 700 personnel down to 500. Deploying National Guard soldiers as part of these divisions helps make up the difference for unit deployments and also reduces the need for active - duty soldiers to deploy as frequently.

Five Army Reserve Soldiers also mobilized as part of the unit. The Soldiers deployed to Kuwait and Iraq. They returned from the deployment in October of 2018.

101st Signal Battalion

The 101st Expeditionary Signal Battalion deployed to Kuwait in April 2018 after mobilizing in March. The unit, which provides theater-level communications support, sent elements to locations in Iraq, Afghanistan, Kuwait and even Egypt to support the annual Bright Star Egyptian/U.S. military exercise.

501st Ordnance Battalion (EOD)

The 501st Ordnance Battalion, which has the capability to command multiple Explosive Ordnance Disposal elements, deployed to Bagram

Afghanistan with 19 personnel in Mid-March, 2018. The soldiers returned to New York in December 2018.

The Soldiers manned the headquarters of Task Force Explosive Ordnance Disposal and were responsible for oversight of explosive disposal (EOD) teams operating in 20 Afghan provinces. The New York Army National Guard Soldiers commanded five United States Army EOD units, two United State Air Force EOD teams and one EOD team from the Czech Republic.

They were also responsible for providing advice on explosive ordnance disposal operations to United States Forces Afghanistan.

173rd Cyber Protection Team

Twenty-five New York Soldiers from the 173rd Cyber Protection Team mobilized and deployed for federal service for a one-year tour of duty supporting federal computer security missions in March, 2018

The Soldiers are part of the larger organization that also includes an additional 14 Soldiers from the New Jersey Army National Guard.

The New York element is based at the state headquarters in Latham.

The 39-member unit was formed at the end of January 2017. It is one of ten teams created by the National Guard to defend U.S. computer networks against unauthorized intrusions such as snooping into files, exploit-

ing data, or inserting malware. Unit members will also learn to think like hackers so they can help computers defend against cyber incidents.

The team conducted post-mobilization administrative processing at Fort Bragg, North Carolina before its mission through the spring of 2019 at Fort Meade, Maryland.

As part of a cyber protection team, the New York Soldiers conduct defensive cyberspace operations on military networks.

Detachment 5, Company C, 2nd Battalion, 245th Aviation

Eight New York Army National Guard Soldiers who are trained to fly and support the Army's C-12 passenger aircraft deployed to Kuwait following training at Fort Bliss, Texas.

The Soldiers and their families mobilized on November 14 at the Army Aviation Flight Facility at Albany International Airport. The detachment is based at the flight facility.

The C-12 is a military version of the Beechcraft Super King Air turboprop plane which can carry as many as 13 people or high value cargo. The detachment normally flies commanders and key personnel from National Guard headquarters in Latham throughout the United States.

New Equipment

New equipment with significant new capabilities was fielded in New York Army National Guard formations in

2018. These include:

M4A1 UPGRADE

The New York Army National Guard's M-4 carbines, the standard weapon for Soldiers, were upgraded to the M-4A1 standard during 2018.

The M-4A1 version of the carbine — which was based on the M-16— full auto capability, a consistent trigger pull, and a slightly heavier barrel. The heavier barrel is more durable and has greater capacity to maintain accuracy while withstanding the heat produced by high volumes of fire than the M-4 carbine carried by most Guard Soldiers who have deployed to Iraq and Afghanistan since 2001.

The M-4A1 can be mounted with the M203A2 Grenade Launcher, the M320A1 Grenade Launcher or M26 Modular Accessory Shotgun System.

M-777A2

The 1st Battalion, 258th Field Artillery acquired a battery of M-777A2 towed howitzers. The new cannon provides significant improvements to the 27th Infantry Brigade Combat Team.

The M-777A2 is the latest version of the Army's new standard towed 155 millimeter howitzer (the designation is based on bore size) replacing the M-198 in light infantry formations.

Manufactured by BAE Systems, the M-777A2's design employs titanium and aluminum alloys to reduce weight. It is the world's first 155mm howitzer weighing in at less than



Army National Guard Soldiers storm out of a CH-47 Chinook helicopter from Detachment 2, Company C, 3rd Battalion, 126th Aviation into positions during the final field training exercise of the Northeast Region Infantry Reclassification Course 18-002 at the Camp Smith Training Site, Cortlandt Manor, N.Y., Aug. 13, 2018.

10,000 pounds. This makes the howitzer easier to transport by CH-47 helicopter and by truck.

The M-777A2 employs global positioning satellite technology to locate the howitzer and uses a digital data link to transmit firing information directly to the gun. This enables the gun crew to fire more quickly and more accurately.

The range of the M-777A2 is 22.5 miles as opposed to the 11.7 miles of the 105 millimeter M-119 used by two of the three batteries of the 1st Battalion, 258th Field Artillery.

The M-777A2 is served by a crew of five Soldiers as opposed to the M-198 which required a crew of nine.

M-160 Remote Controlled Mine Clearance System

The 152nd Brigade Engineer Battalion was issued the M-160 remote mine-clearing system.

The M-160 is a line-of-sight unmanned mine clearing vehicle that allows the operator to be outside the range of exploding mines while using the flail-type mine clearing system.

The system is equipped with a communication system that transfers operating status and video feedback to the operator.

The engine and vital components are protected by steel armor plates. The M-160 is designed to be protected against mine-explosion fragments.

Mine clearing is conducted by using the flailing motion of high-speed, rotating chained hammers. The machine digs and powders soil up to a depth of two inches depending on soil type. The digging action may result in the detonation or shattering of anti-personnel mines.

120M Motor Grader

The 152nd Brigade Engineer Battalion was also issued the 120M Motor Grader. The 120M Motor Grader is a heavy-duty, pneumatic-tired commercial construction grader. It performs rough and fine grading, ditching, high-bank cutting and sloping.

The 120M Motor Grader is used to conduct general construction missions in support of repair, maintenance and construction of air and ground lines of communication, repair and restoration of infrastructure, and to enhance force and infrastructure protection.

Hydraulic, Electric, Pneumatic, Operated Equipment

The 1156th Engineer company has been issued the Army's Hydraulic, Electric, Pneumatic, Operated Equipment, known as HEP-POE, which provides engineer units with a system, of hydraulic-electric-pneumatic tools that can be used in a non-power-sourced location while conducting repair and construction tasks.

The system includes two portable multi-powered units and 13 lift cases of tools such as pavement breakers; concrete vibrators; concrete and wood chainsaws; sump pumps; various drills and saws; sanders and grinders; and post pullers.

RAM Warn

The Rocket, Artillery, Mortar (RAM) Warn system integrates existing Counter-Rocket, Artillery and Mortar warning networks to provide early, localized warning of incoming Indirect Fire attacks.

The 27th Infantry Brigade Combat Team received the system at the end of the year.



Army Staff Sgt. Charles Gabriel, a member of Company C, 1st Battalion, 171st General Support Aviation Battalion, works with members of the FEMA Seach and Rescue Task Force 6 and Greensboro, North Carolina Fire Department to rescue a 78-year old man from the roof of his house in Rocky Point, North Carolina on Sept. 18, 2018.

RAM Warn equipment provides a warn capability to Army brigades from detected threat rounds and transmits detection data to the Command and Control (C2) element for determination of a predicted Point

of Impact. This allows the brigade headquarters to sound an alert to units which will be coming under fire, allowing Soldiers to take cover.

Common Remotely Operated Weapons Station



Soldiers assigned to the 1108th Explosive Ordnance Device Co., prepare to use flexible sheet explosives, at Devens Training Area, MA, June 27, 2018.

(CROWS)

New York Army National Guard units received and installed the common remotely operated weapons station on Humvees across the force.

CROWS is a stabilized mount that contains a sensor suite and fire control software. This allows on-the-move target acquisition and engagement. CROWS also features programmable target reference points for multiple locations, programmable sector surveillance scanning, automatic target ballistic lead, automatic target tracking, and programmable no-fire zones.

The system allows Soldiers to engage targets while covered in the vehicle out to the weapons maximum effective range under day or night conditions. The sensors include a daytime video camera, thermal camera and laser rangefinder. CROWS can mount on any tactical vehicle and can be used with the MK19 Grenade Machine Gun, M2 .50 Caliber Machine Gun, M240B Machine Gun and M249 Squad Automatic Weapon.

Buffalo Mine Clearance Vehicle

The Buffalo, an armored mine clearing vehicle first used in Afghanistan in 2003 was fielded in the 152nd Brigade Engineer Battalion

The Buffalo is a six wheeled EOD vehicle used for mine-resistant ambush protection, route clearance, mini clearance, asset protection and command and control.

The Buffalo has been designed to accommodate up to six crew, including the driver and co-driver. The vehicle is 156 in tall and 109 in wide. It measures 323 in in length and weighs 76,000 lbs. The maximum payload is 27,500 lbs. Buffalo is equipped with Michelin 16 R 20 XZL 16,000 lbs. aluminium rim tyres with run flat capability. The vehicle is accessed through one rear door and six topside standard hatches.

The Buffalo features a 30ft robotic arm and iron claw for ordinance disposal and route clearance. The claw is mounted with a camera and sensory equipment.

Multifunctional Remote Video Terminal AN/USQ-210

This video system allows headquarters elements to access surveillance images, near real-time video, and data directly from Unmanned Aircraft



Soldiers from the 206th Military Police Company move a simulated casualty at the Urban Search and Rescue Yard in Baltimore, during Vigilant Guard 18 May 9, 2018.

Systems. The system has been fielded to New York Army National Guard battalion and brigade headquarters.

High Mobility Engineer Excavator

The HMEE was fielded to the 152nd Brigade Engineer Battalion in 2018.

The HMEE provides earth-moving capability which can keep up with the Army's current combat vehicles during movement. The HMEE can accept armor in the form of an armor cab (Crew Protection Kit), and are C-130 transportable without armor, and diesel driven.

Vehicle Mounted Mine Detection System

Known as the Husky, the Vehicle Mounted Mine Detection System is a vehicle that incorporates a V-shaped hull offering optimum protection against blasts. The cabin is fitted with a bullet-proof glass window and a single hatch is provided on the top.

The vehicle has a length of 7.34m, width of 2.53m, and an overall height of 3.54m. The operating weight of the Husky VMMD is 18,400 lbs.

The vehicle is designed to detect landmines and IEDs using ground penetrating radar. The Husky VMMD can run over pressure-fused anti-vehicle landmines without exploding them.

The V-shaped hull can protect the vehicle and crew from blasts. It can withstand up to STANAG 4569 level 4a & 4b blasts and is also capable of withstanding STANAG 4569 level

3 (standard) ballistic explosion. The vehicle is designed to withstand high detonation and can be brought to operating conditions within two hours after an explosion.

Hydraulic Excavator (HYEX)

The Hydraulic Excavator (HYEX) is a commercial off the shelf track mounted, hydraulic controlled excavating system fielded to the 152nd Brigade Engineer Battalion.

The excavator is used to excavate and load earth, blasted rock, sands, and other types of aggregate into standard Army trucks, concrete mobiles, and rock-crushing units. The HYEX provides rapid excavation for construction and repair of runways, roads and trails, railroads, pipelines, waterways, and quarry operations. The HYEX is used in the rear area to construct medium to large obstacles and bunkers.

Urban Platoon Operations Kit

The Urban Platoon Operations kit, a collection of tools and devices designed to support operations in urban terrain were acquired for the 206th and 105th Military Police Companies. The sets include hand-held explosive detectors, gas detectors, a ventilating fan and tactical saws and cutting torches.

Annual Training

Unit	Start	End	#	Major At Site	PAX
HHD 153RD TRP CMD	10/1/2017	9/30/2018	15	YRT	2
HHD 153RD TRP CMD	11/7/2017	11/12/2017	6	UTICA ARMORY	13
HHD 53D TRP CMD	10/1/2017	9/30/2018	15	YRT	34
HQ 106TH REGIMENT (RTI)	10/1/2017	9/30/2018	15	YRT	65
NY MEDICAL DET	12/4/2017	12/6/2017	3	CAMP SMITH	54
CO A 101ST SIGNAL BN	11/5/2017	11/19/2017	15	FORT INDIANTOWN GAP	111
CO A 101ST SIGNAL BN REAR (T32)	10/1/2017	9/30/2018	15	YRT	2
CO B 101ST SIGNAL BN	11/5/2017	11/19/2017	15	FORT INDIANTOWN GAP	101
CO B 101ST SIGNAL BN REAR (T32)	10/1/2017	9/30/2018	15	YRT	0
CO C 101ST SIGNAL BN	11/5/2017	11/19/2017	15	FORT INDIANTOWN GAP	106
CO C 101ST SIGNAL BN REAR (T32)	10/1/2017	9/30/2018	15	YRT	2
HHC 101ST SIGNAL BN	11/5/2017	11/19/2017	15	FORT INDIANTOWN GAP	70
HHC 101ST SIGNAL BN FWD 1	11/5/2017	11/19/2017	15	FORT INDIANTOWN GAP	0
HHC 101ST SIGNAL BN REAR (T32)	10/1/2017	9/30/2018	15	YRT	1
CO C (-), 1ST BN, 171ST AVN REG (MED CO,	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	33
DET 2 D CO 1ST BN 171ST AVN (AVN MAINT)	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	10
1427th TRANS CO	6/10/2018	6/24/2018	15	FORT DRUM	59
1427th TRANS CO	6/4/2018	6/18/2018	15	FORT DRUM	61
HHD 104TH MILITARY POLICE BN	8/4/2018	8/18/2018	15	CAMP EDWARDS	55
466th MEDICAL CO AREA SUPPORT	8/11/2018	8/25/2018	15	CAMP DODGE	66
HHD 501ST ORDNANCE BN EOD	10/22/2017	11/5/2017	15	FORT INDIANTOWN GAP	32
1108th ORDNANCE CO EOD	6/16/2018	6/30/2018	15	DEVENS RESERVE FORCES	30
727 MP L&O	7/17/2018	7/31/2018	15	FORT DIX	44
DET 1 206th MP CO	6/3/2018	6/21/2018	19	FORT DRUM	49
206th (-) MP CO (CS)	6/3/2018	6/21/2018	19	FORT DRUM	149
222D MILITARY POLICE CO (-)	7/7/2018	7/21/2018	15	FORT INDIANTOWN GAP	152
HHC 102ND MILITARY POLICE BN	6/4/2018	6/18/2018	15	FORT LEAVENWORTH USARC 2	45
HHC 102ND MILITARY POLICE BN	7/7/2018	7/21/2018	15	FORT INDIANTOWN GAP	15
138TH CHAPLAIN SPT	10/1/2017	9/30/2018	15	YRT	2
DET 2 CO A 1-224 AVN S&S BN	8/4/2018	8/18/2018	15	FIG TRAINNG BUILDING	15
HHC 27th INF (BCT)	8/6/2018	8/20/2018	15	FORT DRUM	132
CO A 1-69TH INFANTRY	8/6/2018	8/20/2018	15	FORT DRUM	118
CO B (-) 1-69TH INFANTRY	8/6/2018	8/20/2018	15	FORT DRUM	114
CO C (-) 1-69TH INFANTRY	8/8/2018	8/20/2018	13	FORT DRUM	79
DET 1 CO C 1-69TH INFANTRY	8/6/2018	8/20/2018	15	FORT DRUM	44
CO D 1-69TH INFANTRY	8/6/2018	8/20/2018	15	FORT DRUM	73
HHC 1-69TH INFANTRY	8/6/2018	8/20/2018	15	FORT DRUM	181
TROOP A 2-101 CAV (RSTA)	7/16/2018	7/30/2018	15	FORT DRUM	84
TROOP B 2-101 CAV (RSTA)	7/16/2018	7/30/2018	15	FORT DRUM	48
TROOP C 2-101 CAV (RSTA)	7/16/2018	7/30/2018	15	FORT DRUM	76
HHT 2-101 CAV (RSTA)	7/16/2018	7/30/2018	15	FORT DRUM	112
A CO(ENG)BSTB 27TH IN BDE(BCT)	4/29/2018	5/13/2018	15	FORT POLK	51
A CO(ENG)BSTB 27TH IN BDE(BCT)	8/6/2018	8/20/2018	15	FORT DRUM	51
B CO(MI)BSTB 27TH IN BDE (BCT)	8/6/2018	8/20/2018	15	FORT DRUM	53
DET 1 B CO(MI) BSTB, 27TH IN BDE (BCT)	8/6/2018	8/20/2018	15	FORT DRUM	17
C CO(SIG)BSTB 27TH IN BDE(BCT)	8/6/2018	8/20/2018	15	FORT DRUM	35
HHC (-) BSTB 27TH IN BDE (BCT)	8/6/2018	8/20/2018	15	FORT DRUM	99
DET 1 HHC BSTB 27TH IN BDE BCT	8/6/2018	8/20/2018	15	FORT DRUM	47
222D CHEMICAL COMPANY	8/4/2018	8/18/2018	15	FORT INDIANTOWN GAP	94
A CO (-) 642D SUPPORT BN (AVN)	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	40
DET 1 A CO 642D SUPPORT BN (AVN)	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	24
B CO (-) 642D SUPPORT BN (AVN)	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	59
B CO (-) 642D SUPPORT BN (AVN)	6/16/2018	6/30/2018	15	CORPUS CHRISTI ARMY DEPOT	23
C CO (-) 642D SUPPORT BN (AVN)	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	30
HSC 642D SUPPORT BN (AVN)	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	131
187 SIG CO	2/11/2018	2/22/2018	12	FORT DRUM	32
187 SIG CO	8/1/2018	8/3/2018	3	CAMP SMITH	32
BRIGADE SIGNAL CO C 152 BEB	8/3/2018	8/17/2018	15	FORT DRUM	28
HHC 152 BDE ENGINEER BN BEB	8/6/2018	8/20/2018	15	FORT DRUM	53
DET 1 CO B 3-126TH AVIATION	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	15
DET 1 CO B 3-126TH AVIATION (REAR)	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	9
DET 2 CO D 3-126TH AVIATION	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	19
DET 2 CO E 3-126TH AVIATION	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	8
DET2 HHC 3-126TH AVIATION	5/31/2018	6/14/2018	15	FORT INDIANTOWN GAP	2
10TH MOUNTAIN DIVISION MCP-OD	10/1/2017	10/15/2017	15	FORT DRUM	75

Unit	Start	End	#	Major At Site	PAX
OPS CO (DIV)(-)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	12
DET 1, OPS (-)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	69
INTEL & SUST CO (DIV)(-)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	152
DET 1, I&S CO (DIV)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	11
DET 2, I&S (-)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	13
DIV SIGNAL CO (-)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	120
DET 1, SIG (-)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	75
DET 2, SIG CO (-)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	9
42d ID HSC	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	200
DET 1, HSC (-)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	43
442D MILITARY POLICE CO	7/7/2018	7/21/2018	15	FORT PICKETT USARC (275TH)	152
BATTERY A 1-258TH FA	10/1/2018	9/30/2019	15	FORT DRUM	53
BATTERY A 1-258TH FA	5/11/2018	5/25/2018	15	FORT DRUM	68
BATTERY A 1-258TH FA	5/5/2018	5/19/2018	15	FORT DRUM	68
BATTERY A 1-258TH FA	7/20/2019	8/3/2019	15	FORT DRUM	53
BATTERY B 1-258TH FA	5/11/2018	5/25/2018	15	FORT DRUM	79
HCB (-) 1-258TH FIELD ARTILLERY	5/11/2018	5/25/2018	15	FORT DRUM	105
DET 3, 1208 MI PLT (LINGUIST)	10/1/2017	10/15/2017	15	FORT INDIANTOWN GAP	2
204 EN PLT (QUARRY)	5/5/2018	5/19/2018	15	FORT DRUM	23
53 SPT DET, DIGITAL LIAISON DET (ASCC)	3/29/2018	4/12/2018	15	FORT BRAGG	25
107th MILITARY POLICE CO	8/19/2018	8/20/2018	2	FORT DIX	157
107th MILITARY POLICE CO	8/4/2018	8/18/2018	15	FORT DIX	149
145TH MAINTENANCE CO	5/10/2018	5/24/2018	15	FORT POLK	16
145TH MAINTENANCE CO	7/30/2018	8/13/2018	15	FORT POLK	16
145TH MAINTENANCE CO	8/4/2018	8/18/2018	15	CAMP SMITH	112
138th PUBLIC AFFAIRS DETACHMENT	10/1/2017	9/30/2018	15	YRT	4
719 TRANS CO (-) (MDM TRK CGO)	7/23/2018	7/26/2018	4	CAMP SMITH	175
719 TRANS CO (-) (MDM TRK CGO)	7/9/2018	7/19/2018	11	CAMP SMITH	196
105th MP CO	7/7/2018	7/21/2018	15	FORT INDIANTOWN GAP	125
HHC 369TH SUST BDE	10/1/2017	9/30/2018	15	YRT	201
1569th TRANSPORTATION CO	7/22/2018	7/27/2018	6	STEWART ARMY ANNEX	140
1569th TRANSPORTATION CO	7/7/2018	7/21/2018	15	FORT INDIANTOWN GAP	116
FSC 204TH EN BN	5/5/2018	5/19/2018	15	FORT DRUM	52
HHC 204TH EN BN	5/5/2018	5/19/2018	15	FORT DRUM	61
CO A (DISTRO) 427TH BSB	8/5/2018	8/19/2018	15	FORT DRUM	82
CO B (MAINT) 427TH BSB	8/5/2018	8/19/2018	15	FORT DRUM	63
CO C (MED) 427TH BSB	8/5/2018	8/19/2018	15	FORT DRUM	58
CO D (FSC RSTA) 427TH BSB	7/16/2018	7/30/2018	15	FORT DRUM	69
CO E (FSC BEB) 427TH BSB	5/6/2018	5/20/2018	15	FORT DRUM	92
CO F (FSC FA) 427TH BSB	8/6/2018	8/20/2018	15	FORT DRUM	117
CO G (FSC INF) 427TH BSB	5/11/2018	5/25/2018	15	FORT DRUM	104
CO G (FSC INF) 427TH BSB	7/20/2019	8/3/2019	15	FORT DRUM	94
HHC 427 BSB	8/5/2018	8/19/2018	15	FORT DRUM	68
4TH FIN DET	7/15/2018	7/29/2018	15	FORT DIX	32
27TH FIN CO	7/15/2018	7/29/2018	15	FORT DIX	123
7TH FIN DET	7/15/2018	7/29/2018	15	FORT DIX	32
14TH FIN DET	7/15/2018	7/29/2018	15	FORT DIX	10
HHC 42ND CAB	8/4/2018	8/18/2018	15	FORT DRUM	101
CO A 3-142D AVIATION	8/4/2018	8/18/2018	15	FORT INDIANTOWN GAP	35
CO B 3-142D AVIATION	8/4/2018	8/18/2018	15	FORT IRWIN	35
CO D 3-142D AVIATION	8/4/2018	8/18/2018	15	FIG TRAINING BUILDING	53
CO E 3-142D AVIATION	8/4/2018	8/18/2018	15	FORT INDIANTOWN GAP	35
DET 3 CO E 3-142D AVIATION	8/4/2018	8/18/2018	15	FIG TRAINING BUILDING	39
HHC(-) 3-142D AVIATION	8/4/2018	8/18/2018	15	FIG TRAINING BUILDING	67
827 (-) EN CO HORIZ	6/9/2018	6/23/2018	15	FORT DRUM	99
1156TH (-) EN CO VERT	5/5/2018	5/19/2018	15	FORT DRUM	178
152D EN SPT CO	7/12/2018	7/26/2018	15	CAMP SHELBY	82
133RD QM SUPPLY CO	7/15/2018	7/29/2018	15	FORT INDIANTOWN GAP	148
37TH FIN DET	7/15/2018	7/29/2018	15	FORT DIX	35
CO A 2-108TH INFANTRY	5/1/2018	5/24/2018	22	FORT POLK	85
CO B (-) 2-108TH INFANTRY	5/1/2018	5/24/2018	22	FORT POLK	85
DET 1 CO B 2-108TH INFANTRY	5/1/2018	5/24/2018	22	FORT POLK	32
CO C (-) 2-108TH INFANTRY	5/1/2018	5/24/2018	22	FORT POLK	109
DET 1 CO C 2-108TH INFANTRY	5/1/2018	5/24/2018	22	FORT POLK	41
CO D 2-108TH INFANTRY	5/1/2018	5/24/2018	22	FORT POLK	57
HHC (-) 2-108 INFANTRY	8/10/2018	8/24/2018	15	FORT DRUM	166
42d ID Band	9/8/2018	9/22/2018	15	CAMP SMITH	25



Aircrews from the 3rd Battalion, 142nd Assault Helicopter Battalion conduct training with members of the 24th Civil Support Team (CST), flying past Liberty Island from Fort Hamilton en route to the Plum Island Animal Disease Research Facility, May 2, 2018. The CST was insterted by helicopter to respond to a simulated containment breach at the research facility during the training exercise.

Army National Guard Aviation

The New York Army National Guard operates a fleet of 29 helicopters, one C-12 six-passenger fixed wing aircraft, and four RQ-7B Shadow unmanned aerial systems.

New York Army National Guard aviation units are equipped with 22 UH-60 Blackhawk helicopters.

Six of these are operated by Company C, 1st Battalion, 171st General Support Aviation Battalion and can be configured for hoist operations and medical evacuation. The unit is based at Army Aviation Support Facility #2 at the Rochester International Airport.

The remaining UH-60s are assigned to Companies A and B of the 3rd Battalion, 142nd Assault Helicopter Battalion and located at Army Aviation Support Facility #1 at Ronkonkoma and Army Aviation Support Facility #3 at Albany International Airport.

There are six CH-47F heavy lift helicopter which are assigned to Detachment 1, Company B, 3rd Battalion, 126th Aviation at Army Aviation Support Facility #2.

Two UH-72 light utility helicopters are based at Army Aviation support Facility #3. They are operated by Detachment 2, Company A, 1-224th Aviation Regiment and fly domestic operations mission in support of the New York National Guard Counterdrug Task Force and for other purposes.

Throughout spring and summer months the UH-72s were kept busy during 2018 providing support to local law enforcement conducting marijuana crop surveillance missions.

The C-12 is based at Army Aviation Support Facility #3 and is operated by Detachment 5, Company C of the 2nd Battalion, 245th Aviation Regiment. The C-12 is used to fly passengers and can be used to carry priority cargo.

The four RQ-7 aircraft are operated by Detachment 1 of Company D of the 152nd Brigade Engineer Battalion, and based at the Army Aviation Support Facility



Staff Sgt. Jimmy Rose (right), assigned to the 3rd Battalion, 142nd Aviation, and civilian Steven Rosen, load a Bambi bucket onto a UH-60 Blackhawk Helicopter in Altona, N.Y., July, 13, 2018 during firefighting operations.

in Rochester. The RQ-7s provide reconnaissance support to the New York Army National Guard's 27th Infantry Brigade Combat Team.

During August 2018 3rd Battalion, 142nd Aviation provided an assault helicopter company of 10 UH-60s and 100 Soldiers to support the Pennsylvania Army National Guard's 256th Stryker Combat Team at the National Training Center at Fort Irwin, California.

The 10 UH-60s flew out and back to California. Thirty Soldiers crewed the aircraft while the remaining Soldiers deployed via commercial flight. Soldiers came from the battalion's A, B and D companies.

The team flew 600 hours in support of the training mission.

In July, two UH-60s from the Latham flight facility conducted a multi-day response to a major wild fire in Altona, N.Y., near Plattsburgh. Aircrews flew repeated fire bucket missions in support of Department of Environmental Conservation fire-fighting efforts.

Total flight hours for this mission was 35 hours and the helicopters dumped 126,060 gallons of water on the fire. The helicopters conducted 191 drop missions and deployed 660 gallons of water in each mission.

In August, Company B, 3rd Battalion, 126th Aviation supported the Rhode Island National Guard's annual Leapfest International

Parachute Competition in West Kingston., Rhode Island. The event brings paratroopers from around the world together to test their skills.

The New York Army National Guard provided one CH-47 to be used as a jump platform during the event.

In September, Company C, 1st Battalion, 171st General Support Aviation Battalion and Company B, 3rd Battalion, 126th Aviation



Sgt. Ryan Couture, a crew chief with the 3rd Battalion, 142nd Aviation, prepares for a flight at Fort Drum, N.Y., June 2nd, 2018. Couture was qualifying on a M240 during Aerial Gunnery training to prepare his unit for a National Training Center rotation at Fort Irwin, Calif.

Army National Guard Aviation

provided support to Hurricane Florence response efforts in North Carolina and South Carolina.

Two CH-47s crewed by eight Soldiers deployed to Joint National Guard Base McEntire in Columbia, South Carolina where they flew logistics missions in support of the South Carolina National Guard. Two UH-60s with hoists were based at Raleigh-Durham, North Carolina. They conducted search missions and several rescue missions. Ten Soldiers were deployed as part of that mission.

The two units flew 75 hours in support of the Hurricane Florence response.

In October, the two Rochester-based units once again deployed helicopters in response to a hurricane.

Company B, 3rd Battalion, 126th Aviation deployed two CH-47s and ten Soldiers to

Tallahassee, Florida. Similarly, the 3rd Battalion, 142nd Aviation deployed two UH-60s with hoists and 14 Soldiers to Jacksonville, Florida, when Hurricane Michael struck the Florida panhandle.

Because of the nature of the storm the two UH-60 search and rescue assets were not needed and returned to New York. The Ch-47s remained in place for a week and conducted logistics missions.

Both units executed 25 flight hours in support of missions in Florida.

In November the unmanned aerial systems platoon of the 152nd Brigade Engineer Battalion conducted a unique mission in which their small reconnaissance aircraft assisted the California National Guard in responding to the massive Camp Fire in northern California.

The New York Army



Soldiers assigned to Charlie Troop, 2nd Squadron, 101st Cavalry are inserted by CH-47 Chinook helicopter assigned to Bravo Company, 3rd Battalion, 126th Aviation Regiment into a landing zone in Java Center, N.Y., March 10, 2018.

National Guard Soldiers had been at Camp Roberts conducting training on their systems when the fire occurred. At the request of the California National Guard, seven Soldiers were placed on State Active duty and flew missions to detect fire hot spots using the infrared systems on the RQ-7s.

During federal fiscal year 2018, New York Army National Guard aviators flew more than 4,800 hours safely and maintained an operational readiness rate

of 78 percent across the fleet. Fuel costs for fiscal 2018 were \$1,850,500.

At the end of 2018 Company C, 1st Battalion, 171st General Support Aviation Battalion was preparing to deploy 46 Soldiers to Afghanistan to conduct medical evacuation missions in Southern Afghanistan.

In November members of Detachment 5, Company C, 2nd Battalion, 245th Aviation Regiment deployed to Kuwait. Their mission was to operate C-12R aircraft in support of Central Command.



UH-60s assigned to 3rd Battalion, 142nd Aviation, fly out of the Vermont Army National Guard facility in Burlington V.T., on April 5, 2018. The 3-142nd was flying University of Vermont students with the Reserve Officer Training Corps.

New York Air National Guard



A ski-equipped LC-130 Hercules assigned to the 109th Airlift Wing of the New York Air National Guard lands at Williams Field in Antarctica on Nov. 9, 2018.

The New York Air National Guard consists of five flying wings, the Eastern Air Defense Sector which includes the 224th Air Defense Group, and headquarters New York Air National Guard.

The New York Air National Guard is part of the Air National Guard of the United States which is one of two reserve components of the United States Air Force.

With an assigned strength of 5,678 and an authorized strength of 5,784 at the end of fiscal year 2018, the New York Air National Guard is the largest Air Guard in the United States.

In 2018 the New York Air National Guard operated six HH-60 Pave Hawk search and rescue helicopters, five HC-130 Hercules search and rescue planes, 11 C-17 Globemaster III strategic airlift aircraft, ten LC-130 Hercules ski-equipped transports, two C-130 Hercules cargo planes and ten MQ-9 Reaper remotely piloted aircraft.

The Commander of the New York Air National Guard is Brig. Gen. Timothy Labarge. Brig. Gen. Shawn Clouthier serves as Chief of Staff of the New York Air National Guard. Command Chief Master Sgt.

Maureen Dooley is the senior enlisted Airman for the New York Air

National Guard.

105th Airlift Wing

Based at Stewart Air National Guard Base outside Newburgh, the 105th Airlift Wing operates 11 C-17 Globemaster III strategic airlift cargo planes. Nine of the aircraft are assigned to the wing and two are on loan from other Air Force units.

The wing continually deploys aircraft and aircrews to supply U.S. forces around the world under the control of the Air Force Air Mobility Command.

Col. Denise M. Donnell commands the 105th Airlift Wing. In 2017 she became the first woman to command one of the New York Air National Guard's five flying wings.

The wing is assigned 1,329 Airmen. During federal fiscal year 2018 the wing transported 13,306,863 pounds of cargo and 6,494 passengers, completing 4,496 flying hours over 1,216 sorties to do so.

It was a big year for activations at the 105th.

The wing activated more than 135 Airmen in 2018 to assist state missions for various storm recoveries. More than 45 Airmen were activated for federal missions supporting combat operations in FY 18.

Additionally, the wing trained, equipped and deployed 185 Airmen to

Europe and various locations throughout Central Command's area of responsibility for Reserve Component Period 01, a new deployment cycle for reserve component Airmen, in the single largest deployment of 105th Airmen.

The wing is the host unit at the base for tenant unit Marine Corps Reserve Aerial Refueler Transport Squadron 452. VMGR-452 has more than 650 Marines assigned and operates 13 KC-130T cargo/refueler aircraft.



The spouse of 106th Rescue Wing Tech. Sgt. Daniel J. Catapano, is buckled into an HH-60G Pave Hawk helicopter during a spouse flight at the 106th Rescue Wing in Westhampton Beach, N.Y., Sept. 8, 2018.



An HH-60 helicopter from the 106th Rescue Wing prepares for departure in Oceana, Virginia, supporting Hurricane Florence Relief Operations, September 12, 2018.

The 105th Airlift Wing's 213th Engineering Installations Squadron, a special communications installations unit that falls under Air Combat Command, had a particularly busy year.

The 213th deployed Airmen for missions in Qatar, the United Arab Emirates, Kuwait, Africa, and Iraq, on a variety of projects including a redundant fiber-optic network supporting the Coalition Operating Center in Qatar.

Airmen assigned to the 213th supported U.S. Strategic Command by installing secure voice, video, and telemetry service to the new 1 million square foot command and control

facility. The project saved more than \$60 mil and directly supported major national defense objectives.

These operations combined with others across the nation contributed to the 213th executing 13,851 active-duty days, averaging 141 days per Airman assigned to the squadron.

The 213th engineers install a variety of communications capabilities including fiber optic and radio communications for customers from across the U.S. government.

The 105th Maintenance Group hit a major milestone when they completed the last C-5M Super Galaxy refurbish-

ment in October.

The unit refurbished 49 jets since the start of the program in 2011 at a cost savings of \$45.5 mil.

Airmen completely stripped the interior of the aircraft and cleaned, repainted or entirely replaced paneling and other aesthetic features to bring the Super Galaxies' looks up to speed with their increased capabilities.

The 105th helped foster a positive relationship between the State of New York and our international partners.

The unit transported Airmen, soldiers and equipment, including a RQ-7 Shadow, an unmanned aerial vehicle, assigned to the New York National Guard to South Africa to participate in a defense trade exhibition and airshow.

Airmen from the 105th also helped facilitate a future state partnership with Brazil by acting as liaisons to the South-American nation and making a trip to the country.

The 105th was integral to the New York National Guard response to winter weather in the lower Hudson Valley, activating 20 Airmen in January for a snowstorm and another 57 throughout March for debris cleanup and another snowstorm.

57 members of the wing also responded to a tornado in the Hudson Valley in May and 2 Airmen were activated in response to Hurricane Florence.

As part of the 105th Airlift Wing's community relations effort the wing hosted over 600 local residents during base tours in which Hudson Valley citizens got a chance to tour a C-17. The wing conducted eight tour days from April to October and 24 groups ranging from Boy Scouts and Girl Scouts to facilities for the disabled took part. In one instance the entire third grade from Pennsylvania school toured the base.

September 5, 2018 marked five years since Staff Sgt. Todd "TJ" Lobraico was killed in action outside of Bagram Airfield, Afghanistan. Lobraico is one of three Airmen from the 105th killed in action since Sept. 11, 2001. He was the first Air National Guard Airmen killed in action post Sept. 11.

106th Rescue Wing

Based at Francis F. Gabreski Air



An Airman assigned to the 105th Airlift Wing helps town and county workers clear debris from roadways in Putnam County, N.Y. deployed to Putnam County, March 7, 2018. The county was hit hard with a winter storm knocking down trees and causing widespread power outages.

National Guard Base in Westhampton Beach, the 106th Rescue Wing's men and women stand ready to deploy within the United States and abroad in support of United States military operations and domestic emergency response.

The wing's Airmen are trained to conduct and support search and rescue missions both in and outside of a combat environment.

The wing had a strength of 1,070 Airmen at the end of 2018.

Col. Michael Bank is the commander of the 106th Rescue Wing. During New York State emergencies Bank serves as the commander of New York National Guard emergency response in Nassau and Suffolk counties and commands a joint task force of Soldiers and Airmen.

The wing's 101st Rescue Squadron operates six HH-60 G Pave Hawk search and rescue helicopters. The Pave Hawk is similar to the Army Black Hawk helicopter but is equipped for air-to-air refueling, has long range fuel tanks, and has the ability to hoist rescued personnel onboard.

The wing's 102nd Rescue Squad-

ron flies five HC-130P search and rescue aircraft. This version of the C-130 transport, is equipped to refuel helicopters in flight and has the ability to deploy pararescue jumpers and required equipment onto land or water.

In July of 2018, HC-130 crew and maintainers began the process of converting to the HC-130 J model airframe. This transition will continue into 2019.

The 102nd Rescue Squadron is the oldest unit in the Air National Guard. It was originally organized as the 102nd Aero Squadron of the New York National Guard in 1917. After World War I it was reorganized as the 102nd Observation Squadron in 1920 and assigned to the New York National Guard's 27th Division.

The 103rd Rescue Squadron is comprised of combat rescue officers, pararescuemen, and Survival, Evasion, Resistance and Escape specialists. These Airmen train year round to rescue pilots and other personnel under any conditions, anywhere around the world. It takes almost two years of training to qualify as a pararescueman.

These three squadrons, the 101st, 102nd and 103rd together, make up the wing's "rescue triad".

On March 15 four of the wing's Airmen, along with three other Airmen, died during a mission in eastern Iraq when HH-60G "Jolly 51" crashed.

The Airmen had been deployed in support of Operation Inherent Resolve, the United States military operation against the Islamic State in Syria and Iraq.

The four 106th Rescue Wing Airmen killed were:

Maj. Christopher "Tripp" Zanetis: a Long Island City resident who was an HH-60G Pave Hawk helicopter pilot. He joined the 106th Rescue Wing in 2008 and was a member of the New York City Fire Department in civilian life. He was assigned to the wing's 101st Rescue Squadron.

Maj. Andreas O'Keeffe: a Center Moriches, resident who served as an HH-60G Pave Hawk helicopter pilot. He joined the 106th Rescue Wing in 2008. He was a full-time member with the wing and was assigned to the 101st Rescue Squadron.

Master Sgt. Christopher Raguso: a



Senior Airman Peter Zaccariello, a Pararescueman assigned to the 106th Rescue Wing, checks and loads rescue equipment in preparation for Hurricane Florence Relief Operations, September 12, 2018.

Commack resident who was an HH-60G special missions aviation flight engineer. He joined the 106th Rescue Wing in 2001 and was a member of the New York City Fire Department. He was assigned to the wing's 101st Rescue Squadron.

And Technical Sgt. Dashan Briggs: a Port Jefferson Station resident who was an HH-60G special mission aviation flight engineer. He joined the 106th Rescue Wing in 2010. He was a full-time military member with the wing and assigned to the 101st Rescue Squadron.

The Airmen were honored by the wing during a ceremony at Gabreski Air National Guard Base on March 27.

During the wing's support of Operation Inherent Resolve, 106th Rescue Wing Airmen provided 2,880 hours of continuous personnel recovery coverage and members flew 200 combat missions and 270 combat hours, as well as provided personnel recovery coverage for 9,600 air tasking order sorties.

The Airmen supported chemical weapon strikes in direct response to attacks in Syria. The 106th Airmen were a dedicated combat search and rescue team for a Chemical Weapons Strike with 20 air assets protected and three strategic targets struck.

103rd Rescue Wing Airmen participated in the Sentry Aloha fighter exercise conducted by the Hawaii National Guard in January.

In August members of the 103rd Rescue Squadron participated in the Northern Strike 18' exercise held at the Alpena Combat Readiness Training Center in Alpena, Michigan. This was a multiservice and multi-national exercise hosted by the Michigan National Guard.

On August 9, 2018, the 103rd rescue squadron participated in Operation Alpine Tundra - which focused on full-spectrum testing of a parachute system at higher altitudes - the team succeeded in landing at 14,130 feet on a small target surrounded by unforgiving, turbulent terrain on Mount Evans in Colorado.

This parachute landing is the highest altitude landing recorded in North America, and the 2nd highest in the world. The team hopes to break the world record in the future.



Brigadier General Timothy J. LaBarge, Director of Joint Staff, presents Technical Sergeant Flavio Martinez, a member of the 105th Airlift Wing's security forces, with the Purple Heart at a ceremony October 14, 2018 at the National Purple Heart Hall of Honor, New Windsor, NY.

The 103rd also conducted Arctic survey and support in Iceland and Greenland building partnerships for future operations planning and evaluated National Science Foundation's search and rescue plans for polar ice caps.

The 103rd Rescue Squadron also conducted an initial planning conference for a search and rescue exercise in the Azores with Portuguese military officials.

106th Rescue Wing flight surgeon Lt Col Stephen "Doc" Rush, M.D.

provided medical advice to teams working to rescue 12 members of a boys soccer team trapped in a cave in Tham Luang Thailand in June and July.

The boys had entered the cave network and been trapped by rising waters during a monsoon rain.

Rush, who is also the United States Air Force Pararescue Medical Director provided medical advice on what medicines should be administered to the boys, who ranged in age from 11 to 16, once they were discovered.



Airmen of the 152nd Air Operations Group man their stations during Virtual Flag, a computer wargame the unit participated in Feb. 18-26 from Hancock Field Air National Guard Base.

During a very difficult underwater extraction mission mounted by Thai Navy SEALs and a team of international divers the boys were sedated as they were carried through the watery cave network.

Rush worked with Fire Department New York and the Denver Children's Hospital to provide advice on medications to U.S. Air Force pararescue experts working with the Thai government.

Also in June the Wing marked the 40th anniversary of the crash of an HH-3E "Jolly Green Giant" rescue helicopter operated by the wing near Keeseville, N.Y. in 1978. Seven Airmen died in the crash of Jolly 85 on June 13 1978.

The aircraft had been returning from a training mission in Plattsburgh when it hit a mountaintop.

The wing coordinated with the local VFW post to place new markers honoring the Airmen who were killed.

In September the 106th Rescue Wing deployed a team to Virginia when Hurricane Florence began to head for the Carolinas.

On 12 September, 2018, after less than one day of planning, the 106th Airmen began deploying inflatable rescue boats to stage at Dover Air Force Base, Delaware. Eventually the 106th led an Air National Guard hurricane task force comprised of

airmen from the California National Guard's 129th rescue Wing, the 176th Rescue Wing from Alaska, the 123rd Special Tactics Squadron from Oregon, and the 125th Special Tactics Squadron from the Kentucky Air National Guard.

These airmen became an SAR Task Force (TF) which was composed of 191 Airmen, two HH-60's, three HC-130s, 17 Boat Teams, and several tactical vehicles to include the Guardian Angel Air-Deployable Rescue Vehicle (GAARV) and Polaris MRZR tactical vehicle.

As the storm's trajectory shifted, the task force moved their staging locations to get closer to the affected area where they would be better positioned to support state and local authorities located at the Naval Air Station Norfolk.

Florence became the wettest tropical cyclone to hit the state of North Carolina, dropping over 35 inches of rain in parts of the state causing widespread flooding, power outages and road closures.

While most of the Hurricane Florence's damage was caused by heavy rain and flooding, much of the infrastructure remained intact to include cell phone towers. Additionally, pre-hurricane evacuations appeared to be effective.

Two HH-60G helicopters, 3 HC-

130's, and 2 boat teams all staged in Virginia, while 10 boat teams were forward deployed to Raleigh, NC. All in all, the team counted 19 saves for the event including 2 dialysis patients in more dire medical need.

107th Attack Wing

The 107th Attack Wing is located on the Niagara Falls Air Reserve Station, Niagara Falls, N.Y. The 107th Attack Wing's primary missions include the, MQ-9 Remotely Piloted Aircraft, the 274th Air Support Operations Squadron, and the 222nd Command and Control Squadron. The 274th and 222nd are Geographically Separated Units residing at alternate locations within the New York Air National Guard.

The 107th Attack Wing Commander is, Colonel Gary R. Charlton II.

The Wing has been operating the 24/7/365 in-garrison mission set for over a two year period, flying well over 7,000 combat hours within the last year.

The 107th Operations Group responsible for the MQ-9 mission set is comprised of, the 107th Operations Support Squadron, 136th Attack Squadron, 274th Air Support Operations Squadron and the 222nd Command and Control Squadron. The 107th Operations Support Squadron is directly responsible for the training of the intelligence, weather, communications, and tactics personnel. The 136th Attack Squadron continues to provide persistent attack and reconnaissance.

The two squadrons work continuously to provide in theatre combat commanders support and while successfully carrying out the ground commander's intent. The 274th Air Support Operations Squadron provides highly trained Tactical Air Control Party (TACP) specialists that have been embedded with Army units to call in Air Strikes from the ground, enabling friendly forces to carry out their primary mission.

The 222nd Command and Control Squadron and their Airmen continue to provide Air Force Space Command and National Reconnaissance Office with surveillance operations, space situational awareness, and defense space control to the Department of Defense space assets, during peace



Senior Master Sgt. Felix Moya, a loadmaster assigned to the 105th Airlift Wing, speaks with locals at Waterkloof Air Force Base, South Africa during the African Aerospace and Defense Exhibition, Sept. 20, 2018.

and war time needs. The continued efforts of the 107th and its Airmen reflect the national level impact one wing has on the overall success of our great nation.

In addition to the national support provided by the 107th Attack Wing, the wing and its Airmen are continuously called upon to carry out any state and/or Domestic Operation missions. The 274th Airmen were called upon during the summer of 2018 to provide trained ground support while combating the Washington wild fires.

107th Attack Wing remains heavily engaged in the Joint Task Force and act during times of emergency. Trained Airmen from the 107th were responded in support of the severe weather that hit the state to include the tornadoes and snow removal efforts.

The 107th Medical Group also sent twelve wing personnel to participate in Innovative Readiness Training to Guynabo, Puerto Rico, which medical personnel were able to exercise their treatment measures within a deployed location.

Additionally, continued partnership between the 914th Air Refueling Wing and the 107th Attack Wing residing on the installation, allows for two very successful flying wings within the State of New York, and within the Niagara Falls Community.

During 2018, the wing deployed 194 personnel on operational missions, sent 15 to various training events around the country and dispatched 6 personnel into combat zones.

Here at home six wing personnel responded in a State Active Duty status when flooding hit the Finger Lakes area in August. Wing Airmen were prepared to deploy and assist in a cleanup mission undertaken by the 174th Attack Wing.

109th Airlift Wing

The New York Air National Guard's 109th Airlift Wing is located at Stratton Air National Guard Base, Scotia, New York.

Col. Michele Kilgore has been serving as the 109th AW commander since October 2017. Col. Christian Sander took over as 109th AW vice commander in May of 2018, and Chief Master Sgt. Denny Richardson has served as the Wing Command

Chief since 2016.

The wing has a strength of 1,028 Airmen.

The 109th Airlift Wing employs the Department of Defense's only ski-equipped aircraft to conduct operations in remote Polar Regions. The Wing has 10 of these LC-130 "Ski-birds" as well as two conventional C-130 Hercules aircraft.

During the 2017/2018 Antarctica support season, the Wing deployed six LC-130s and about 500 Airmen to McMurdo Station in Antarctica to support Operation Deep Freeze. The Wing transported 2,300 passengers, 2.7 million pounds of cargo, and 135,000 gallons of fuel to research stations across the continent, equating to 179 on-continent missions.

Between April and August, the Wing's Airmen deployed to Kangerlussuaq, Greenland, where they flew LC-130 missions to the Greenland ice cap in support of the National Science Foundation's research initiatives. The Wing completed 238 missions within Greenland, transporting 780 passengers plus 1.6 million pounds of cargo and nearly 68,000 gallons of fuel.

Of the 238 missions, 146 of those were training flights. Using Greenland as a primary training site for the Wing's Arctic operations, they also conducted the unit's annual "Kool School" to 25 Airmen at Raven Camp on the Greenland ice cap. This "barren land arctic survival training" provides vital life support training to

Airmen who routinely operate in the Arctic and Antarctic.

On May 5 the wing mobilized 16 Airmen in support of the Washington County town of Cambridge following a major windstorm. The Airmen deployed to the town to assist in storm cleanup.

The wing also hosts an annual summer encampment for the Civil Air Patrol cadet program.

One hundred and twenty Civil Air Patrol cadets attended the annual eight day encampment which began July 14. Another 60 Cadets and 35 adult senior members of the Civil Air Patrol ran the camp.

The cadets, aged 12 to 21, came from Civil Air Patrol units in New York, Pennsylvania, Massachusetts and Connecticut. Encampment participants got the opportunity to fly in C-130 and C-17 transport aircraft while honing their leadership skills, learning about aeronautical subjects, building and launching model rockets and improving their physical fitness.

The wing also conducts an annual Raven Camp youth camp for children of wing members ages 7-12. This year, about 60 children attended the weeklong camp, July 23-27. The youth received tours of the different sections of the base, participated in learning and teamwork activities, and were able to enjoy a few field trips throughout the week.

174th Attack Wing

Based at Hancock Field Air National



Members of the 106th Rescue Wing prepare to deploy in support of the Hurricane Michael rescue efforts at F.S. Gabreski Air National Guard Base, Westhampton Beach, N.Y., Oct. 10, 2018.

Guard (ANG) Base in Syracuse, the 174th Attack Wing operates the MQ-9 Reaper Remotely Piloted Aircraft. The wing operates the MQ-9 on combat air patrol missions overseas and trains MQ-9 pilots, sensor operators and maintainers for the United States Air Force and Air National Guard.

The wing is commanded by Col. Michael Smith.

The 174th traces its history back to 1947 when the 138th Fighter Squadron of the New York Air National Guard was created. In 1953, the 138th became the first Air Guard unit to stand strip alert as part of the Air Defense of the United States.

The wing maintains eight MQ-9 aircraft at Hancock Field and two in the military's European Command area. The wing's Field Training Detachment uses two MQ-9s for maintenance training. The other aircraft are used by the 108th Attack Squadron to train Air National Guard, Reserve and Air Force MQ-9 aircrews.

The 174th is the first Air Force unit to fly the MQ-9 directly from a commercial airfield, in this case Hancock Field International Airport.

The wing's 1,092 personnel include the 152nd Air Operations Group which specializes in planning Air Force combat missions and campaigns. 152nd personnel augment the staff of the Air Force's Europe Air Operations Center at Ramstein Air Base, Germany. This center provides planning, direction and control of assigned air forces including those forces made available by U.S. allies.

The wing is also responsible for the Adirondack Range, an air-to-ground range located at Fort Drum. It is a 4,000 acre complex that supports fixed-wing, rotary-wing and ground force integration providing live-fire opportunities to a host of Department of Defense assets.

Members of the wing's 138th Attack Squadron supported MQ-9 contingency operations and provided over 6,734 flight hours of combat air patrols delivering Intelligence, Surveillance, Reconnaissance and Strike capability to combatant commanders in support of Operation Freedom Sentinel (OFS) and Operation Inherent Resolve (OIR).

The 108th also logged over 3,200



Members of the 106th Rescue Wing prepare to deploy for rescue efforts in the aftermath of Hurricane Michael from F.S. Gabreski Air National Guard Base, Westhampton Beach, N.Y., Oct. 10, 2018.



105th Airlift Wing Airmen coordinate with aeromedical evacuation squadrons personnel to move mock victims into a staged patient reception area during the unit's support to PATRIOT South 2018 at Jackson, Mississippi, Feb 15, 2018.

flight hours in local flying while reaching over 50,000 training instruction hours.

The 174th Maintenance Group provided more than 6,974 hours of instruction to students from the Air Force, Air National Guard and allied nations. In return, the group produced 345 graduates for the USAF and International partner nations by surpassing its goal of 225 graduates for Fiscal Year (FY) 2018. Additionally, the 174th Maintenance Group Detachment 1, stationed at Wheeler Sack Army Airfield at Fort Drum, turned over 630 sorties for multiple Department of Defense flying organizations.

Over the course of the year, the 152 Air Operations Group (AOG) drove the ANG Joint Air Component coordination Element success by leading 3 EUCOM exercises, and continued to operate as a total force enabler. As a result of their efforts, the AOG was accredited via the Air Force Precise Point Positioning Program (AFP4) to certify ANG Targeting professionals.

During federal fiscal year 2018, the 174th Mission Support Group continued to defend, support and develop local flying operations, executing over \$1.7 million in sustainment, restoration and modernization projects, successfully programmed military construction projects for the Flight Training Unit Active Associate ex-

pansion and SOC 1.0 upgrade, and executed over \$7.6 million in federal contract actions.

On the global deployment front, 36 members were successfully deployed to 3 Areas of Responsibility (AORs) located in Qatar, Antarctica, Germany, Afghanistan and Jordan, while over 70 additional 152 AOG members were sent to Northern Command locations, Germany, Qatar, and multiple host-nation locations supporting multiple agency training and critical exercise support requirements. This was all accomplished while preparing an additional 94 unit members to deploy to 5 locations in Kuwait, Jordan, Qatar, Africa, Cuba and Germany in support of the FY19 Reserve Component Period (RCP) deployment cycle.

This includes a 90 day surge of 136 weapons qualifications and 15 Chemical, Biological, Radiological, Nuclear, Explosive (CBRNE) and Self-Aide and Buddy Care (SABC) courses which prepared over 900 unit members to meet Secretary of Defense, Secretary of the Air Force and Chief of Staff of the Air Force full spectrum readiness and lethality requirements.

Domestically, the 174th was busy assisting local operations. Over 200 Airmen from across the wing answered the call and were tasked, prepared and deployed to support eight domestic response taskings to include 6 severe weather events, 1 training

and 1 major fire event in the State of California.

174th Medical Group (MDG) volunteered to take a short notice Guard Lead Unit position during Operation Ola De Sanadora Esperanza, providing medical relief to residents of Puerto Rico. They led a Joint Force operation of 242 Military Service Members, accomplishing 24,761 training hours while successfully treating 3,620 patients. As the MDG leads the way, they continue to explore more efficient means of accomplishing the mission, and were benchmarked by Air Combat Command's Surgeon General for innovative telemedicine capabilities. As deployments ramped up, medical personnel geared up to support the warfighter by ensuring our deploying Airmen's medical readiness was accomplished through medical clearance, Individual Medical Readiness completion, CBRNE/SABC training, and continual flight medicine support.

The 174th Honor Guard provided military honors at over 400 events in our region. This small team of dedicated professionals and volunteers provided impressive recognition of the service of our veterans at 356 funeral events and provided a formal presence at 47 Colors events in the Wing. The Recruiting and Retention Team continued to lead the state in overall accessions, bringing in 168 new members to develop the officer and enlisted force. Finally, the 174th Family Readiness Team conducted three highly successful Yellow Ribbon events, providing outstanding pre- and post- deployment services to 251 unit and family members.

224th Air Defense Group/Eastern Air Defense Sector

The 224th Air Defense Group (ADG) is located at the Griffiss Business and Technology Park in Rome. It is a New York Air National Guard unit deployed in place to conduct the Eastern Air Defense Sector's (EADS) federal mission.

EADS is a headquarters unit of the North American Aerospace Defense Command (NORAD). Its mission is to defend the eastern U.S. airspace through vigilant detection, rapid warning and precise tactical control of NORAD forces.



A security forces Airman assigned to the 105th Base Defense Squadron speaks with local students at the U.S. Army's 2nd Aviation Detachment in New Windsor, N.Y. April 19, 2017. The 105th Airlift Wing was on hand with base defense personnel, equipment and a C-17 Globemaster III at the annual Y2Kids career fair.



The 105th Airlift Wing participated in Y2Kids at the U.S. Army's 2nd Aviation Detachment in New Windsor, N.Y. April 19, 2017. School-aged kids from the community came to learn about different careers from the New York Air National Guard to the U.S. Department of Agriculture.

The 224th ADG, composed of the 224th Air Defense Squadron, the 224th Support Squadron and two detachments in the Washington, D.C. area, has an authorized strength of more than 350 officers and Airmen. Most more than 70 officers and 220 enlisted serve full-time as Active Guard and Reserve (AGR) members. The remaining 60-plus members are traditional, Drill Status Guardsmen (DSGs) who serve one weekend a month.

A small Canadian Forces detachment, U.S. Army and Navy liaison officers, approximately 40 Title V federal civilian personnel and a dozen contractors serve at EADS alongside 224th ADG personnel.

Col. Emil J. Filkorn serves as the EADS Commander, which is a federal, Title 10 position. The 224th ADG Commander, a Title 32 position, is Col. Paul M. Bishop.

Several 2018 initiatives improved the unit's ability to conduct its critical mission. From an ADG perspective, the completed separation of training and real-world operations on the Battle Control Center (BCC) operations floor was a major achievement. For years, network computer and physical limitations had forced Airmen to conduct real-world operations and training missions on the same equipment at the same time.

The creation of the BCC's training-only area enabled a large part of

the unit's training to be shifted to the computer-based Distributed Mission Operations (DMO) system. This effort reduced crew-training time by 2,500 hours from the previous year and resulted in an 80 percent drop in individual failures and unqualified ratings on graded evaluations. The DMO-enabled training removed a major risk from the air defense mission and the attendant reduction in live-fly exercises saved an estimated \$21 million.

The initial phase of the Battlespace Access Training System (BATS) was a second notable milestone. A 32-foot by 60-foot facility located next to the Battle Control Center, will house a full-scale replica of the operations floor when completed. Outfitted with duplicate workstations and an exercise cell, the facility will serve as a Battle Control Center simulator, training air battle managers, weapons directors, controllers and tracking and surveillance technicians in much the same manner that an F-16 simulator trains a fighter pilot.

Scheduled to be fully functional in 2019, BATS will integrate training across live, virtual and constructive (LVC) systems. Once completed, ADG personnel will control and direct fighter pilots (F-16, F-15, F-22) or mission crews (E-3) in their simulators, who will perform missions just as they would on a real sortie.

A third major milestone in 2018 was a two-pronged breakthrough in cyber

defense. Driven by the lack of a clear cyber defense policy that encompasses a "whole of government" approach, the ADG, with the support of Headquarters Air Force, instituted an effort to bridge policy gaps and work towards solutions. Last April, members of the 224th Support Squadron briefed the National Security Council in Washington D.C. regarding the unit's cyber defense concerns and interagency cooperative agreements. Though time consuming, this level of coordination has improved situational awareness and led to better incident response capabilities.

The National Guard Bureau (NGB) reinforced the interagency effort, selecting the 224th ADG for a cyber Mission Defense Team (MDT). A Cyber Vulnerability Assessment of operations and support functions is being conducted as part of the MDT program and individual members are receiving training from the Air Force and industry.

The MDT has installed network-monitoring tools to identify specific security concerns and this capability is undergoing rapid development and expansion. The MDT will also develop formal guidance and operating procedures for EADS and these documents will likely serve as a model for other BCCs.

224th Air Defense Squadron

The 224th Air Defense Squadron, commanded by Lt. Col. Joseph Roos,

is responsible for the air defense mission. Data from sensors and radars constantly flow into the Battle Control Center, where Airmen use the information to build and monitor a continuous air picture. When required, ADS personnel scramble, direct and control fighter jets and other assets to counter threats.

In 2018, the ADS detected, tracked, identified, evaluated, and responded to 2,805 defined threats – an average of eight a day – and more than 110,000 potential threats, a daily average of 320.

As part of its mission, the ADS supported several critical national events in 2018. These events included the State of the Union Address, the G-7 Economic Summit, the United Nations General Assembly, and former President George H.W. Bush's funeral. In addition, the ADS enforced FAA-mandated Temporary Flight Restrictions (TFRs) for more than 90 Presidential movements and supported two hurricane relief efforts.

While conducting its around-the-clock mission, the ADS executed a rigorous, thorough training program that involved more than 2,400 different events. ADS Airmen controlled 340 practice scrambles and actively participated in 103 higher headquarters exercises that integrated fighter aircraft, helicopters and Ground-Based Air Defense (GBAD) assets in the National Capital Region (NCR).

The ADS works closely with the 224th ADG Detachment 1 at the Joint Air Defense Operations Center (JADOC) in Washington, D.C. to defend the critical National Capital Region airspace. Led by Lt. Col. Michael Pelphrey, Detachment 1 is composed of more than 30 New York Air National Guardsmen, who serve as the Air Force component at the JADOC.

The 224th ADG's Detachment 2 also works hand-in-hand with the ADS. Commanded by Lt. Col. Drew Roper, Det 2 provides liaison officers at Transportation Security Administration's National Capital Region Coordination Center (NCRCC) in Herndon, Virginia, ensuring effective interagency cooperation.

224th Support Squadron

The 224th Support Squadron, commanded by Col. Paul Bishop, builds,



The 105th Airlift Wing holds a C-5M Super Galaxy closeout ceremony at Stewart Air National Guard Base, Newburgh N.Y. Nov. 1, 2018.

installs and maintains the radar, communications and information technology systems that enable the air defense mission. In addition to spearheading the BATS and cyber defense initiatives, Support Squadron personnel oversaw several major projects that improved force protection, training and day-to-day business.

Installation security was improved by emplacing a "virtual fence" along the EADS perimeter and a new Firearms Training System (FATS) created more immediate and effective training for the Squadron's Security Forces personnel. Support Squadron Airmen also extended video teleconferencing capability to Detachment 2 in Herndon, Virginia, improving coordination and communications.

The daily maintenance efforts of Support Squadron Airmen kept the radar, radio and communications systems working around the clock. Thousands of unseen, "routine" actions were

completed, including 3,600 scheduled maintenance inspections, 1,000 unscheduled events that required repair or correction, and 1,460 tasks from the unit helpdesk.

Community Involvement

The 224th ADG played an active role in the Rome community. The unit provided hundreds of volunteer hours for projects such as Clean and Green and Rome Rescue Mission's Thanksgiving basket drive. The ADG's Honor Guard provided funeral honors for 16 local veterans and conducted 13 colors presentations, four parades and four retirement ceremonies.

The ADG's support for the Rome City School District Mentoring Program was also noteworthy. Ten Airmen dedicated one afternoon a week to mentor elementary students, providing positive role models and guidance through group discussions, special projects and character-building activities.



Students build a shelter during arctic survival training, commonly known as "Kool School" on June 9, 2018 at Raven Camp, Greenland. This year, 25 Airmen from the 109th Airlift Wing completed the training, learning basic arctic survival skills.

New York Naval Militia

The New York Naval Militia is commanded by Rear Admiral Timothy J. Zakriski, a retired Navy Reserve officer.

Zakriski took command from Rear Admiral Ten Eyck "Trip" Powell during a June 22 ceremony held on board Naval Militia Patrol Boat 400 on the Hudson River at Schodack Island State Park.

The New York Naval Militia was originally organized in 1891 before there was a United States Navy Reserve and was the sea-going equivalent of the New York National Guard. During the Spanish-American War in 1898 the New York Naval Militia manned two ships.

Since the founding of the United States Navy Reserve in 1915, the force has focused more on state missions, but the New York Naval Militia is still recognized by the federal government as part of the state's military forces.

The bulk of the 2,776 members of the New York Naval Militia are simultaneously members of one of the federal naval reserve forces: the Navy Reserve, the Marine Corps Reserve, or the Coast Guard Reserve.

Five percent of the Naval Militia members can be members of the organization without serving as a federal reservist.

As of Dec. 1, 2018 there were 2,776 members of the New York Naval



Members of the 2nd Civil Support Team, based in Scotia, N.Y., conduct joint training with the Naval Militia along the Hudson River near Rensselaer, N.Y., Aug 17, 2018.

Militia. Of those members 1,412 hold membership in the Navy Reserve, 1,074 drill with the Marine Corps Reserve, and 78 drill with

Coast Guard Reserve units. Another 137 members are non-drilling Federal Reserve members and 75 are non-reservists.

Naval Reserve members provide personnel who bring the skills they have learned in federal service and put them to work at the service of the state. They serve in a state active duty status when service on state missions.

New York Naval Militia personnel responded to all major state weather emergencies in 2018. During a major snow storm response in March, 2018 50 personnel were placed on State Active Duty. New York Naval Militia

food service specialists also operated a dining facility at Camp Smith Training Site for National Guard personnel who were mobilized for storm response.

The New York Naval Militia also operations the Military Emergency Boat Service (MEBS) which operates a fleet of ten patrol boats. These Naval Militia crews work regularly with the U.S. Coast Guard, the U.S. Border Patrol and local law enforcement agencies across New York.

In 2018 the New York Naval Militia acquired a new boat; a 35-foot long landing craft that can cut through the water at 44 miles per hour and deposit a small vehicle or 27 personnel onto any shoreline necessary.

The boat "LC-350" – LC for "landing craft" and 350 for the 35-foot length



New York Naval Militia patrol boat LC-350 prepares to leave the dock at Jennings Landing park in Albany N.Y. on Tuesday August 7 2018 following a christening ceremony in which the new vessel was accepted into the Naval Militias patrol boat fleet.

of the boat—was accepted into service during a short ceremony at Albany's Jennings Landing park on the Hudson River on August 7.

LC-350 is designed to deliver three tons of emergency supplies, a vehicle, or 27 personnel to beaches or shorelines along Long Island or the Hudson River during flooding or other emergency situations.

The boat's bow is a ramp which can be dropped to allow access to the shore by people, or vehicles.

The boat, constructed by the William E. Munson Co. of Burlington, Washington, can also serve as a patrol vessel when necessary.

On Sept. 11, the Naval Militia and the 2nd Civil Support Team conducted an exercise at Peebles Island State Park testing the ability of the LC-350 to deploy a CST "strike team" comprised of a vehicle and personnel onto the shoreline.

Patrol Boat 440, a 44 foot-long diesel powered water-jet catamaran based on at the U.S. Coast Guard Station on Staten Island, carries U.S. Coast Guard inspection parties out to ships waiting to enter New York Harbor and also conducts regular harbor security patrols as part of the New York National Guard's Joint Task Force Empire Shield.

The Naval Militia also operates patrol boats in the waters off Indian Point Energy Center in random security patrols.

Other vessels include:

- Patrol Boats 300 and 301 - two 30-foot Nigel Gee boats based in Verplanck and Albany;
- Patrol Boats 280 and 281 - two 28-foot ALMAR Sounder boats based in Buffalo and Rochester;
- Patrol Boat 230 - a 23-foot Aluminum Chambered Dive boat based in Massapequa

And Patrol Boats 220 and 221 - two 22-foot Metal Craft Marine Kingfisher Hardtop boats based in Syracuse and Leeds.

In January New York Naval Militia Sgt. Christopher Vega, who also serves in the Marine Corps Reserve, received the New York State Medal for Valor in recognition of his actions in saving a truck driver who was badly injured in a January 4, 2018 accident. Vega braved live power lines to help



Members of the 2nd Civil Support Team load an ATV used to carry chemical biological and radiological survey team members onto New York Naval Militia boat LC-350 during a joint training exercise conducted in Rensselaer N.Y. on August 17, 2018.



Naval Militia Capt. Timothy Zakriski salutes Capt. Ten Eyck Powell during the N.Y. Naval Militia Change of Command ceremony on Schodack Island State Park N.Y. June 22, 2018. Zakriski was taking command of the N.Y. Naval Militia.

extricate the driver from the badly damaged truck and apply a tourniquet to his severed leg.

On Sept. 7 and 8 the 37 New York Naval Militia and New York Guard personnel took part in Exercise Rapid Gunwale on the Hudson River and the Great Sacandaga Lake. Two Naval Militia Patrol Boats took place in an exercise on the lake with local sheriff's, marine units and dive teams. The exercise involved locating a bomb in the lake.

At the same time, LCV-350 and the 2nd Weapons of Mass Destruction Civil Support Team exercised the abil-

ity of the landing craft to negotiate the Hudson River—and one of the locks on canal system—and land a chemical, biological, radiological detection team on shore at Peebles Island State Park.

Smaller scale boat operation exercises and a communication exercise were also held during the year.

On December 11, 2018 the Naval Militia conducted a recall exercise using text messaging. Of the 2,778 Naval Militia members contacted through text, over 2,200 responded.

New York Guard



Members of the New York Guard, the state's volunteer defense force, conduct chain saw training during their week-long annual training at Camp Smith Training Site in Cortlandt Manor, N.Y. on Sept. 26, 2018.

The New York Guard is the state's volunteer defense force whose members augment the National Guard during training and state emergencies.

New York is one of 26 states which maintain this federally authorized adjunct to the National Guard.

Members wear a military style uniform and carry state military ranks, but do not carry arms and serve only within the state of New York.

The New York Guard traces its history back to World War I when the state recruited a militia force to guard critical infrastructure like the Erie Canal, railroad bridges and the New York City water system after the New York National Guard was mobilized to deploy to France in 1917.

This was not a baseless threat, since German saboteurs had blown up an ammunition factory in New Jersey.

In 1940 the New York Guard was created again when the New York National Guard was called up as part of the defense build-up after Hitler invaded France. New York Guard members responded in January 1945 when a major snow storm pummeled the state.

In the 1950s the New York Guard was authorized as a full-time force.

The authorized strength of the New York Guard in 2018 was 810 with 411 members currently serving.

Many New York Guard members have prior-service in the New York National Guard or other military

services and have extensive military experience. There is no requirement that members have a military background and any New Yorker who meets the physical fitness standards may join. Many of the New York Guard members hold New York State professional licenses that add to the services that can be provided during state activations and emergencies.

New York Guard members train without pay. They do receive pay when placed on State Active Duty in support of the New York National Guard.

New York Guard members normally participate in one day weekend training sessions monthly and a week-long annual training program held at Camp Smith Training Site.

They train in logistics, communications, engineer operations, public affairs, as well as chaplain, medical and legal services and administrative skills which can be used to support National Guard units during state emergencies.

The New York Guard is responsible for the Division of Military and Naval Affairs Military Emergency Radio Network, or MERN system, which relies on shortwave radio to tie New York National Guard elements together during an emergency.

New York Guard engineers regularly undertake building projects at the Camp Smith Training Site which benefit military elements that train there.

New York Guard public affairs personnel also assist New York National Guard public affairs units in covering New York National Guard and Division of Military and Naval Affairs activities.

The New York Guard Chaplain Corps supports New York National Guard forces by holding religious services at the Camp Smith Chapel. This assures there is chaplain support available when New York Military Forces are training.

New York Guard lawyers and legal assistants provide required professional assistance free of charge to New York Military Forces as well as U.S. Marine Corps Reserve Forces throughout New York State as needed.

During 2018 the New York Guard conducted initial training, basic officers training and non-commissioned officers training classes at Camp Smith during the week-long annual training. During this year's annual training period from Sept. 23 to Sept. 29, 260 New York Guard members completed required initial entry training, basic office training, and legal assistance team training and non-commissioned officer courses.

During 2018 New York Guard volunteers responded to every state call-up that New York National Guard Troops were mobilized for.

New York Guard members distinguished themselves by running a warehouse operation to sort goods donated by New Yorkers and destined for Puerto Rico in the wake of Hurricane Maria in the fall of 2017. That



Members of the New York Army National Guard and New York Guard the states volunteer defense force package toys for distribution to families in need on Dec. 18 2018 at the Jacob Javitts Convention Center in New York City.



Members of the New York Guard 89th Band pose with Chief Warrant Officer Four Mark Kimes, the director of the 42nd Infantry Division "Rainbow" Band following a joint concert in Lido Beach on August 8, 2018.

operation continued into the winter of 2018 and involved 75 New York Guard members.

New York Guard members served as chainsaw use instructors for members of the New York National Guard and Naval Militia, during operations in the Hudson Valley following snow storms in March.

New York Guard members were also

invaluable in assisting with mission in support of Gov. Andrew M. Cuomo's efforts to provide Thanksgiving meals and Christmas gifts to needy families.

Civilian Workforce

The civilian employees of the New York National Guard and the New York State Division of Military and Naval Affairs play important roles in supporting the part-time and full-time members of the New York Army and Air National Guard.

In 2018 there were 1,987 federal civilian employees and 390 state employees supporting New York National Guard operations in New York. Seven hundred and forty-five of these men and women worked in support of the New York Army National Guard while 1,242 worked in positions at New York Air National Guard units.

The vast majority of the civilian employees are Title 32 Technicians. Title 32 is the section of the United States Code which deals with the National Guard.

As a condition of their employment, these civilian employees must also be members of the New York Army or Air National Guard in order to hold their civilian job. In most cases the individual's military and civilian jobs are similar. For example, a Title 32 Technician vehicle mechanic also holds a position as a Soldier in the unit's maintenance section.

There were 1,770 Title 32 Technicians working in positions across the New York Army and Air National Guard in 2018.

Six hundred and twenty-eight of these individuals worked in New York Army National Guard units while 1,142 worked in positions in the New York Air National Guard.

Another 217 civilians are Department of Defense employees, covered by Title 5 of the United State Code, who do not have to be members of the New York National Guard. Most of these employees were previously Title 32 Technicians whose positions were converted in 2017 and 2018 in an action directed by Congress.

Congress mandated this change out of concern that the mobilization of dual-status employees for federal military duty left holes in the National Guard workforce, which required the hiring of temporary employees.

Of the 217 Title 5 employees working for the New York National Guard, 117 worked in New York Army National Guard positions and 100 worked in New York Air National Guard support roles.

There are also 62 federally-funded contact employees who work for the New York National Guard Family Programs. These individuals fill a number of positions to assist Guard Soldiers and families which include financial counselors, family program managers, and even psychologists. During 2019, the New York Air National Guard will be converting 166 Title 32 technician positions into full-time military positions known as Active Guard and Reserve (AGR). This is part of a nation-wide Air Guard program to convert 3,183 technician positions into those held by AGR Airmen. This is equal to 14 percent of the Air Guard civilian workforce across the country.

The positions are being reprogrammed based on military readiness, critical occupational specialties, and location and special military needs.

The Division of Military and Naval Affairs state employees fill a variety of functions at National Guard locations across the state. They perform maintenance at New York State armories and provide administrative support at New York National Guard headquarters.

The Division of Military and Naval Affairs has its own state budget office to handle state fiscal issues and also maintains a state employee human resource offices. In functions like facilities engineers, legal, government affairs, and public affairs, state and federal employees work side-by-side.

During 2018 New York state employees worked in the following positions.

- State armory maintenance personnel - 127
- Division of Military and Naval Affairs Headquarters personnel- 93
- Airbase Firefighters -66
- New York Air National Guard Facility maintenance personnel -52
- Air National Guard Security force -31
- Air National Guard administrative support -12
- New York State Military Museum -6
- New York Air national Guard environmental support - 3



Maj. Gen. Ray Shields, the Adjutant General of the New York National Guard, center front, stands with employees and Soldiers at the Division of Military and Naval Affairs Headquarters on October 24, 2018 in Latham, N.Y.

Family Programs

The New York National Guard's Family Programs Office provides support to Guard members and their families in meeting the stresses of military life, and particularly part-time military life.

While active duty Soldiers and Airmen normally live on major military installations, Guard Soldiers and Airmen are scattered throughout the state. The staff of 62 – which includes Active Guard and Reserve Soldiers, contractors, and federal technicians— work to provide information on programs available to Guard members and support when necessary.

A team of volunteers in each unit working through unit Family Readiness Groups, helps the professional team reach the 16,000 members of the New York Army and Air National Guard and their families.

Service Member and Family Resource Centers are located at the following armories:

- Buffalo – Connecticut Street Armory
- Rochester – Patriot Way Armory
- Syracuse – Thompson Rd. Armory
- Latham – DMNA Headquarters
- Troy – Glenmore Road Armory
- Camp Smith – Peekskill
- Fort Hamilton – Brooklyn
- New York – Lexington Ave Armory
- Farmingdale – AFRC Long Island

Service Member and Family Resource Centers also operate at the five Air National Guard air bases:

- Niagara Falls Air Reserve Station;
- Hancock Field Air National Guard Base, Syracuse;
- Stratton Air National Guard Base, Scotia;
- Stewart Air National Guard Base, Newburgh;
- F.S. Gabreski Air National Guard Base, Westhampton Beach.

The New York National Guard Family Program operates four key areas to support Soldiers and Airmen and their families. These are:

- Military Family Assistant Specialist Family Assistance Specialists (FAS) are located in nine armories across New York State. Their main function is to support families and service members geographically dispersed across the state. The goal of the FAS is to provide information, referral and outreach to service members and their families from any branch of the military. FAS are easy-to-reach, one stop shops for assistance.
- Family Readiness Support Assistant Family Readiness Support Assistants (FRSA), located in seven armories at units throughout the state. The core function is to work with military contacts, commanders and volunteers to provide training and hands-on assistance for establishing and maintaining an effective Family Readiness system within units and commands.
- New York National Guard Job Zone Family Programs includes support for those service members and families seeking employment opportunities.

The Job Zone team can also provide employee rights with



Maj. Adam Bajorski, S-3 (operations) officer for the 27th Infantry Brigade Combat Team, hugs his children after returning from a 10-month deployment to Ukraine, Niagara Falls Air Reserve Station, N.Y., Aug. 23, 2018.



Staff Sgt. Tom Wickham stands with his family following his promotion ceremony in Latham, N.Y. on August 18, 2018.

trained ESGR staff.

- Five Citizen Soldier for Life Counselors who work with new Army National Guard enlistees and their families through the Recruiting and Retention Command's Recruit Sustainment Program to help with the strains of joining the military community and lifestyle.

State Partnership Program

The New York National Guard has conducted a National Guard State Partnership Program with the Republic of South Africa since 2003 and in 2018 began the process of partnering with Brazil as well.

The State Partnership Program links a state National Guard with the armed forces of a partner nation in a cooperative, mutually beneficial relationship.

There are currently 73 State Partnership Programs throughout the world and 13 programs in Africa.

The program is administered by the National Guard Bureau, guided by State Department foreign policy goals, and executed by the State Adjutants General in support of the combatant commander, security cooperation objectives and Department of Defense policy goals.

The State Partnership Program builds capacity and capability within partner nation's security forces. It also cultivates personal, professional, and institutional relationships while training National Guardsmen for federal and state missions.

Today the program has expanded to include creating strong and enduring relationships with various government agencies within the partner nation. A New York National Guard officer currently works in the United States Embassy in Pretoria, South Africa to put together joint training opportunities.

The New York National Guard Joint Operations section is responsible for administering the program and coordinates with United States Africa Command (USAFRICOM) when planning training activities with South Africa. The New York/ South African partnership is the oldest with an African military.

Significant partnership events in 2018 included:

- A joint United States/ South African Defense Committee Conference hosted by the New York National Guard at Fort Hamilton in Brooklyn held Nov. 6-8. Representatives from both nations discussed bilateral training opportunities for 2019.
- New York Army and Air National Guard participation in the bi-annual



Master Sgt. Luis Barsallo, a certified hand-to-hand tactics instructor demonstrates a move to members of the South African National Defense Forces during an exchange visit on October 10, 2018.

African Aerospace and Defense Exhibition held at Waterkloof Air Force Base outside Pretoria, South Africa. Thirty-eight Soldiers and Airmen participated. The 109th Airlift Wing sent an LC-130, the largest ski-equipped aircraft in the world, and the 105th Airlift Wing sent one of its C-17 Globemaster III cargo planes. The New York Army National Guard sent Soldiers and one of its RQ-7 Shadow unmanned aircraft to the show, which was held from Sept. 19 to Sept. 23.

- Forty New York Army National Guard Military Police Soldier and Security Squadron Airmen took part in a joint training exercise with South African National Defense Force counterparts at the South African Military Police Academy from October 2-13. The training included courses in hand-to-hand combat skills, counterterrorism and physical security, weapons retention, operations security, vehicle stops and basic forensic investigation techniques. An instructor from the Naval Criminal Investigative Service from Naples, Italy conducted the forensics training.
- New York National Guard Chaplain



South African Navy Cmdr. Paul Kuhlase greets New York Air National Guard Brig. Gen. Timothy LaBarge at Waterkloof Air Force Base, South Africa ahead of the African Aerospace and Defense Exhibition 18, Sept. 16, 2018.

(Lt. Col.) Scott Elher participated in an African military chaplains training conference sponsored by United States Africa Command in Garmisch-Partenkirchen, Germany. Chaplains from South Africa, Nigeria, Djibouti, Ghana, and Kenya took part with National Guard Chaplains from California, North Dakota, Kentucky, North Carolina and California as well as New York.

WWI Commemoration

Throughout 2018 New York Army National Guard Soldiers took part in a number of events commemorating the 100th Anniversary of American involvement in the First World War.

The 42nd Infantry Division, the 27th Infantry Brigade Combat Team, and the 369th Sustainment Brigade all sent delegations to participate in United States Army commemorative events in France and Belgium. All three units trace their lineage to that conflict and all three distinguished themselves during the war which began in August 1914 and ended on Nov. 11, 1918.

The 42nd Infantry Division sent the division commander, Major General Steven Ferrari and 24 Soldiers to France July 23-30 where they participated in commemorative ceremonies at the Croix-Rouge Farm in Fère-en-Tardenois and at the Oise-Aisne American Cemetery. The division delegation was the lead Army element for commemorations of the Second Battle of the Marne, which was fought in July 1918.

The 42nd Division was created during World War I and was made up of National Guard units from New York and 25 other states. The division's Alabama National Guard infantry regiment distinguished itself at the fighting at Croix-Rouge Farm and the division, which included the 69th Infantry Regiment from New York City, fought in the Oise-Aisne campaign.

General Joseph Lengyel, Chief of the National Guard Bureau, took part in both ceremonies and placed a wreath at the Croix-Rouge Farm to honor the Soldiers of the Rainbow Division who fought and died there.

The 42nd delegation also visited the Chateau-Thierry American Monument and walked the ground the division fought over during the Champagne-Marne Campaign.

The division delegation also visited the historic Meuse-Argonne battlefield and placed a memorial wreath at a new plaque—donated by the Rainbow Division Veterans Foundation—honoring General Douglas MacArthur, one of the division's brigade commanders



A color guard of New York Army National Guard 42nd Infantry Division Soldiers stands at ease during a ceremony commemorating the 100th anniversary of the 167th Regiment (Alabama National Guard) of the 42nd "Rainbow" Division's fight at the Croix Rouge Farm in Fère-en-Tardenois, France on July 29, 2018.

during World War I.

The 27th Infantry Brigade Combat Team sent ten Soldiers to visits sites in Belgium and France where what was then the 27th Division fought under British Army command.

When the New York National Guard was mobilized for war in April 1917 the Soldiers were formed into what was called the 6th Division, which included all New York National Guard units, minus the 69th Infantry which deployed with the 42nd Division. The division number was changed to 27 by the Army later.

Unlike most American divisions, which fought as part of the First or Second Armies in the American Expeditionary Force, New York's 27th Division and the National Guard's 30th Division—from several southern states—fought with the British Army as the II Corps.

The 27th Division, fighting alongside Australian and Canadian troops, played a critical role in breaking through the German Hindenburg line defenses in September 1918.

Commemorative events for the 27th were led by Col. Christopher Cronin, the brigade commander, and Soldiers from the 27th Brigade took part in commemorative events at the

Flanders Field American Cemetery in Waregem, Belgium where 27th Division Soldiers are buried.

A 27th Brigade color guard also took part in the evening "Last Post" ceremony held at the Menin Gate in the Belgian City of Ypres which is a British war memorial. The 27th Division troops also fought in that area.

The 369th Sustainment Brigade sent



Major General Joseph Biehler, 42nd Infantry Division poses with a World War One "Dough Boy" Soldier from the New York Army National Guard, Corporal John Koenig at the Oise-Aisne American Cemetery in Seringes et Nesles, France on July 28, 2018.



Soldiers from the 42nd Infantry Division get a history lesson during a visit to the Navarin Monument July 26, 2018. The Rainbow Division Soldiers were the lead for the WWI centennial commemorations of the Second Battle of the Marne, fought in July 1918

a five Soldier delegation headed by Col. Steve Bousquet, the brigade commander, to France in September. The 369th Sustainment Brigade traces its history back to the 369th Infantry Regiment, known as the Harlem Hellfighters. The regiment was an African-American unit in a segregated Army and fought under French Command. The Soldiers earned more medals and fought in the front lines longer than any other American unit.

The 369th Sustainment Brigade Soldiers represented the United States Army at ceremonies in Verdun and St. Mihiel and laid a wreath at a memorial to the Harlem Hellfighters in Hartmannswillerkopf, Alsace.

Here in New York, the New York National Guard partnered with the New York City World War I centennial committee to support programs and events marking this historic role of New York Soldiers in the Great War.

The Guard also provided information and materials to the New York State

Centennial Commission and coordinated events with the New York State Military History Museum and New York State Museum for exhibits, programs and displays of military history and artifacts of the New York National Guard's role in WWI.

The New York Army National Guard hosted a ceremony in Times Square commemorating Father (Capt.) Francis Duffy, the legendary chaplain of the 69th Infantry. Cardinal Timothy Dolan, the Archbishop of New York, joined Brig. Gen. Kenneth Brandt, the National Guard's ranking chaplain, to commemorate Duffy along with Lt. Col. Don Makay, the commander of the 69th Infantry.

Throughout 2018 the Division of Military and Naval Affairs public affairs office issued press releases commemorating the role the New York National Guard and New York overall played in World War I, which were carried by news outlets around the state.



Soldiers from the 42nd Infantry Division visit the Navarin Monument on July 26, 2018. The 42nd Division Soldiers are the lead element for the commemorations of the Second Battle of the Marne, fought in July of 1918.



STATE OF NEW YORK

DIVISION OF MILITARY & NAVAL AFFAIRS

105th AIRLIFT WING

109th AIRLIFT WING

106th RESCUE WING

174th Attack Wing

107th AIRLIFT WING

EASTERN AIR DEFENSE SECTOR

NATIONAL GUARD
RECRUITING & RETENTION

EXCELSIOR

ELSIOR