



Division of Military
and Naval Affairs

2019 ANNUAL REPORT



The Adjutant General

DMNA is New York's Hometown Military

On behalf of the 19,000+ members of the State Defense Forces, it is my pleasure to submit the Annual Report for the Division of Military and Naval Affairs (DMNA) and military forces of the State of New York.

Since assuming the position of The Adjutant General in October 2018, the service men and women and civilian workforce of DMNA and the military forces of the State of New York have proven they are the most valuable asset we have.

My immediate objective has been to increase the assigned strength of the Army and Air National Guard while building individual Soldier and Airmen readiness to fight our nation's wars and respond to civil support operations when required by Governor Andrew M. Cuomo.

My strategic objectives include the funding and construction for rehabilitation of the Jamaica (Queens) Armory at \$121M and recapitalization (replacement) of the 109th Airlift Wing's fleet of LC-130H Skibird airplanes with brand new LC-130J.

Our people have never failed to respond when called. Members of the New York military forces, and civilians who work to support them, are New York's hometown military and often represent the only contact the state's citizens and employers have with the U.S. Army, Air Force, Navy, Marines and Coast Guard. They play a far larger role than simply being part of the state's defense forces – they represent the Armed Forces of the United States.

As the primary combat reserve of the Army and Air Force, the Army National Guard and Air National Guard train and deploy around the world alongside members of the active Army and Air Force.

As I write these words, we have hundreds of Soldiers and Airmen serving across the globe with many in Afghanistan and others throughout the Middle East to include the Headquarters, 42nd Infantry Division. Airmen from the 174th Attack Wing and the 107th Attack Wing are flying combat missions with their MQ-9 aircraft every day. The 109th Airlift Wing supports polar operations in Antarctica and Greenland with their LC-130 Skibirds. The 105th Airlift Wing provides strategic airlift throughout the world and the 106th Rescue Wing saves lives at sea and during civil support operations. The 224th Air Defense Group manages all air traffic over the Atlantic and east of the Mississippi River.

New York is also one of ten states with a Space mission as the 222nd Com-

mand and Control Squadron works in the space domain. The 369th Sustainment Brigade, as part of the Chemical, Biological, Radiological and Nuclear response enterprise for the nation, is trained for this specialized mission, as is the 27th Infantry Brigade Combat Team for the Homeland Response Force for FEMA Region II.

Our National Guard men and women along with the members of the New York Guard and New York Naval Militia also serve here at home in our civil support operations at the call of the Governor.

Missions vary and range from augmenting security in New York City, responding to floods and snowstorms, helping local governments deal with the opioid epidemic, safeguarding computer systems with our cyber protection team and preparing for natural or manmade emergencies.

One of the unique force providers of the State's defense forces is the Naval Militia. The Naval Militia includes members of the Navy, Marine Corps and Coast Guard Reserve who agree to be called to serve on state active duty during times of crisis.

Our Naval Militia operates ten patrol boats, which provides New York with a unique capability. In 2019 we received a federal grant to buy a 35-foot landing craft.

The New York Guard is a significant force provider. These volunteers are available for civil support operations through state active duty. They are not a federal force, but are ready to serve when called.

I also want to call out a couple specialized missions conducted by the men and women of the New York National Guard.

- Joint Task Force Empire Shield, which operates 24/7 in New York City transportation centers, to include airports, train stations, bus station, bridges and tunnels. This organization averages 750 armed service members on state active duty.

- Cyber Protection Team, a specialized unit of 25 Army National Guard Soldiers. Eleven Soldiers are supporting the Division of Homeland Security and Emergency Services working cyber issues.

- The Citizen Preparedness Corps, which formed in February 2014 consists of 23 Soldiers and Airmen on state active duty conducting training across the state to educate the public on ways to be prepared for emergencies. To date, more than 200,000 citizens received training by the members of the National Guard.

- Our counterdrug task force has more



Maj. Gen. Ray F. Shields

than 140 Soldiers and Airmen in a federal status supporting law enforcement agencies across the state using their military analysis skills and helping organize community based anti-drug organizations.

During 2019, our New York Military Force members responded during snowstorms, floods, windstorms and for training for their federal missions while ensuring our units are ready. This report tells the story of the accomplishments of our service members and civilian employees.

I am proud and honored to be the Commander of these men and women.

Finally, although taking place in 2020 (since this 2019 report was completed in May 2020) we must mention the ongoing COVID-19 response mission. Since March 8, 2020, the state's defense forces have been heavily engaged in the COVID-19 response efforts.

At our height, more than 3,650 personnel were on duty performing missions ranging from decedent recovery; warehousing and supply transportation; meal distribution; call center support; drive-thru testing sites; test kit assembly; managing the construction of alternate care facilities; cleaning of public facilities; access control; and the operations of the Javits alternate care facility in New York City.

Our response efforts for COVID-19 is the largest civil support operation undertaken by the state's defense forces. Much of the 2020 report will be devoted to this response effort.


 RAYMOND F. SHIELDS, JR.
 Major General, NYARNG
 The Adjutant General

Table of Contents

Adjutant General Overview

Division of Military and Naval Affairs

Emergency Operations

Counter Drug Task Force

Honoring New Yorkers

Facilities

Camp Smith/Youngstown Range Use

New York Army National Guard

Annual Training

Aviation

New York Air National Guard

New York Naval Militia

New York Guard

Civilian Workforce

State Partnership Program

Family Programs

Military History Museum



The Annual Report is published each year electronically under the provisions of New York Executive Law Section 164, and is intended to provide the public with information on the programs and financial activities of the Division of Military and Naval Affairs.

Financial data reflects 2019 Federal and State Fiscal Years.

The Annual Report is produced by the New York National Guard Public Affairs Office. Publication date: January 2020.

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

FRONT COVER:

Top photo: Soldiers assigned to Alpha and Bravo Companies, 3rd Battalion, 142nd Aviation Regiment, headquartered in Ronkonkoma, N.Y., conduct the ground table portion of annual aerial gunnery with M-240B machine guns at Fort Drum, N.Y., July 24, 2019.

Bottom photo: Army National Guard Soldiers assigned to Alpha Company, 1st Battalion, 69th Infantry Regiment board a LC-130M Hercules aircraft assigned to the 109th Airlift Wing after refueling while en route to Camp Santiago, Puerto Rico for a training event Apr. 11, 2019.



Army Lt. Col. Todd Balog, commander of the 369th Special Troops Battalion waits to move off during the New York City Veterans Day Parade Nov. 11, 2019. The 369th is based at the Fifth Avenue Armory in Harlem.

New York State Division of Military and Naval Affairs

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 (as of 1 October 2019) of 18,745 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 2019-2020 fiscal year was \$157,611,000. This includes \$81.4 million in operational appropriations, \$75.2 million for capital projects, and \$1 million in Aid to Localities funds for Insurance premium benefits for National Guard Soldiers Service Members Group Life Insurance expenses.

DMNA received approximately \$784 Million in federal funds for 2019.

DMNA employed 394 state and 1,707 civilian federal employees in 2019. Missions of full-time employees include management of federal



Col. Steve Rowe, the New York Army National Guard Chief of Staff, speaks with Army National Guard junior noncommissioned officers at the New York State Division of Military and Naval Affairs headquarters on Sept. 20, 2019 during a two-day Future Leaders Conference hosted by Command Sgt. Major David Piwowarski. More than 80 Soldiers took part in the conference.



New York Army National Guard members who graduated from the Army War College at Carlisle, Pennsylvania in 2019 present a limited print commissioned by their graduating class to the adjutant general of New York, Maj. Gen. Raymond Shields, at the Division of Military and Naval Affairs, Latham, N.Y., Dec. 30, 2019. The painting depicts the World War I “lost battalion,” the artist is Lt. Col. Scott DeJesse, also a 2018 graduate. The print depicts Soldiers of the 1st Battalion, 308th Infantry Regiment, 77th Statue of Liberty Division, originally raised from draftees from New York City. From left, Brig. Gen. Michel Natali, Assistant Adjutant General, Army; Maj. Gen. Ray Shields, the Adjutant General of New York; Col. Sean Flynn, chief of staff of the 42nd Infantry Division; Col. Diane Armbruster, Joint Force Headquarters signal officer; and Lt. Col. Christopher Guilmette, 42nd Infantry Division operations officer.

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.

Currently, DMNA operates and maintains numerous sites comprised of:

- 36 Armories;
- Four National Guard Readiness Centers;
- The New York State Military Museum and Veterans Research Center;
- Three armories that have been excessed to the New York State Office of General Services but not yet divested,
- Three Combined Support Maintenance Shops (CSMS),
- 15 Field Maintenance Shops,
- Three Army Aviation Support Facili-

ties (AASF),

- One Maneuver Area Training Equipment Site (MATES) at Fort Drum,
- One Warehouse and a Central Issue Facility (CIF) at Watervliet Arsenal,
- The Camp Smith Training Site (CSTS),
- Four Local Training Areas (LTA),
- And two 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 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.

Emergency Operations in 2019

The Division of Military and Naval Affairs is responsible for providing trained personnel and equipment when called upon by the governor of New York, or the federal government, to respond to weather and other emergencies in New York and within the territory of the United States.

The governor can call upon members of the New York Army and Air National Guard, the New York Naval Militia and the New York Guard to assist with response in state active duty status. Troops operating in this status are paid for by the state and respond to the orders of the governor.

Federal military equipment can be employed by troops in active duty status but the state of New York assumes the costs of operating and repairing those vehicles and other equipment.

New York National Guard members can also conduct missions under the direction of the governor, or of another state's governor, while in "Title 32" status. In this case the troop payroll and costs of the operation are being born by the federal government at the direction of the president of the United States, while the governor still

has command of the National Guard forces.

New York State also maintains Joint Task Force Empire Shield, a security force of 742 members of the New York Military Forces on state active duty, who conduct security augmentation missions working with local, state and federal law enforcement in New York City.

Joint Task Force Empire Shield is based at Fort Hamilton in Brooklyn and maintains a presence at the city train stations, and LaGuardia and JFK airports.

During 2019 the New York Army and Air National Guard, New York Naval Militia and New York Guard responded to six emergencies that included four winter weather events, a wind-storm and long-term flooding along the Lake Ontario shoreline.

A total of 2,158 New York Military Force members were placed on state active duty to assist in these responses. Another 309 New York Army and Air Guard members responded while in Title 32 status.

Operation January Snow Storm

From January 17 to January 25 a

total of 632 New York Military Force members responded to the governor's call for troops to help the state and local communities deal with excessive snowfall. A total of 574 of these service members were in state active duty status the remainder in Title 32 status.

Missions were conducted in 19 counties. These included law enforcement assistance, stockpile support to the Division of Homeland Security and Emergency Services and coordination with local governments.

A total of 105 vehicles were committed to the response mission.

Seven facilities were involved in the response, including Camp Smith Training Site, the Connecticut Street Armory, Gabreski Air National Guard Base, Stratton Air National Guard Base, the New York State Armory in Latham and Fort Hamilton.

Operation January Snow Storm II

On January 29, as extremely cold weather and lake effect snows – nearly 24 inches – hit the Buffalo and Niagara region, Gov. Andrew M. Cuomo ordered Soldiers and Airmen onto state active duty.

"As New York deals with another extreme weather system, I urge all New Yorkers to be diligent, take the necessary precautions to remain safe and avoid any unnecessary travel," Gov. Cuomo said at the time. "New York will continue our efforts to place personnel, equipment and assets throughout upstate New York as the polar vortex brings dangerously low temperatures and creates hazardous travel conditions."

The 107th Attack Wing stood up a 20-Airman immediate response force, while the 174th Attack Wing at Hancock Field Air National Guard Base in Syracuse also stood up a 20 Airman, five-vehicle force.

The 53rd Troop Command also stood up a 20-Soldier response team at the Masten Avenue Armory in Buffalo, while the 27th Infantry Brigade Combat Team alerted a second Army



Army National Guard Soldiers Spcs. Frederick Butt, left, and Ryan Baranski, both assigned to the 3rd Battalion, 142nd Aviation clear snow from a fire hydrant in Kinderhook N.Y. on Dec. 3 following a snow storm which hit the northeast Dec. 1, 2019.



New York Governor Andrew M. Cuomo greets members of the Air National Guard's 107th Attack Wing at the New York State Department of Transportation garage in Cheektowaga Jan. 31, 2019. The Airmen were part of an Immediate Response Force on duty to provide mobility support to the New York State Police as snow and extremely cold temperatures hit Western New York.

National Guard team at the Thompson Road Armory in Syracuse on January 30.

Forty Soldiers from Joint Task Force Empire Shield were moved to Buffalo

and Syracuse, with organic vehicles, to provide additional capability.

Additional Soldiers and Airmen provided logistics support and mission command. A total of 182 service

members supported this mission with 149 in state active duty status, the remainder in a Title 32 status. Missions were conducted in three counties.

By February 1, with the worst of the very cold weather and snow abating, the Soldiers and Airmen were released from state active duty and the Joint Task Force Empire Shield teams returned to New York City. The operation officially concluded February 4, 2019.

February Winter Storm

On February 24 and 25, Governor Cuomo placed up to 250 Soldiers and Airmen on duty in Western New York as a windstorm brought gusts of up to 74 miles per hour to the region.

The winds toppled trees, left 44,000 customers without electricity, forced road closures and ripped the roof off part of the University of Buffalo bookstore on Sunday, February 24, according to the Buffalo News.

The activation was part of the overall state and local government preparations for the wind storm, Gov. Andrew



Air National Guard Airmen from the 174th Attack Wing remove debris from a blocked road in Herkimer County N.Y. Nov. 2, 2019. Heavy winds October 31 knocked down trees and rains flooded streams across Herkimer County.

Emergency Operations

M. Cuomo said.

The New York National Guard originally mobilized 100 Soldiers and Airmen—35 Soldiers from 42nd Infantry Division elements, 35 Soldiers from 53rd Troop Command units and 30 Airmen from the 107th Attack Wing at Niagara Falls Air Reserve Station—and stationed them at the Masten Avenue Armory in Buffalo on Saturday, Feb. 23 along with 25 vehicles.

Forty chainsaws were provided for debris clearance teams to use. Five New York Guard state defense force members were assigned to conduct chainsaw training classes.

On the afternoon of February 23 the governor directed an additional 150 National Guard service members to direct traffic as part of the debris clearance mission.

Seventy-five of these Soldiers were drawn from 53rd Troop Command and the other 75 came from Joint Task Force Empire Shield.

Additional personnel assisted in providing command and control. The 107th Attack Wing at Niagara Falls Air Reserve Station was designated as the headquarters for Joint Task Force 5 for the operation.

Using the wing's Joint Operations Center was a first for the region.

From February 23 to February 27, a total of 290 service members conducted missions in four counties. Of these, 255 were in state duty status. The bulk of the were traffic control points. Troops worked out of the Connecticut Street Armory, the Latham headquarters and Niagara Falls Air Reserve Station.

Lake Ontario Flood 19

During the spring and summer of 2019 the governor placed members of the New York Military Forces on state active duty to help control flooding along the Lake Ontario shoreline.

A total of 627 New York Military Force members rotated through the mission. The average on duty strength was 400 servicemembers.

The mission kicked off May 4 when Governor Andrew M. Cuomo directed that 100 troops be placed on state active duty to help local governments



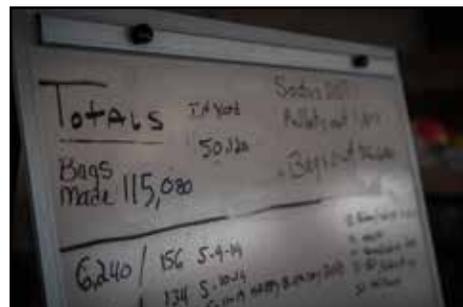
New York Army and Air National Guard personnel conduct sandbagging operations near Sodus Point, N.Y. on May 7, 2019, as part of the National Guard participation in the state response to flooding along the Lake Ontario shoreline.

along Lake Ontario cope with flooding.

Heavy rains throughout the Great Lakes region, combined with flooding rivers in Ontario and Quebec, resulted in higher than normal water levels in Lake Ontario, according to the International Joint Commission. The commission regulates water levels in the Great Lakes and St. Lawrence River.

Between May 4 and September 15, the members of Joint Task Force Ontario filled 293,060 sandbags and emplaced 385,460 sandbags. The task force personnel also emplaced 9,508 feet of water filled barriers and installed 36 water pumps as part of this effort.

It takes 600 sandbags to make a 1 foot high wall 100 feet long, accord-



Sandbag numbers are tracked by members of the New York Army National Guard and New York Naval Militia, along with employees from the Department of Transportation, for availability for flood control at Sodus Point, N.Y., May 20, 2019. The sandbags were used to mitigate the effects of flooding along Lake Ontario.

ing to the New York State Division of Homeland Security and Emergency

Emergency Operations

Services.

By the end of May, Lake Ontario was 2 feet higher than normal. The record set in 2017 of 248.95 feet was matched on Wednesday, May 29, according to the International Joint Commission.

The state's overall response included 800,000 sandbags, 15 sandbag making machines, hundreds of pumps and bladder-filled water containment systems.

The governor also declared an emergency in eight counties: Cayuga, Jefferson, Monroe, Niagara, Orleans, Oswego, St. Lawrence and Wayne.

At its peak, Joint Task Force Ontario was configured into 23 strike teams using 72 rental vehicles and 12 military vehicles.

Personnel involved in the mission included 277 New York Army National Guard Soldiers, 140 Air National Guard Airmen, 74 New York Guard members and 100 Naval Militia members on state active duty.

An additional 36 Title 32 Soldiers and Airmen were also involved in supporting the mission at various times.

The New York Naval Militia deployed two patrol boats to Lake Ontario to provide transport and support law enforcement and missions.

The mission ended on September 25 and concluded with missions to retrieve equipment and supplies used in the response.

November Winds

The New York National Guard mobilized 210 Soldiers and Airmen in response to heavy rains and winds that damaged roads and flooded towns in Herkimer County, Halloween night.

Governor Andrew M. Cuomo directed the mobilization after winds of up to 60 miles per hour and heavy rain hit the watershed leading into the Mohawk River.

The rain totalled 3.6 inches in Oneida County, 5.2 inches in Herkimer County and then 5.6 inches in Hamilton County. This created significant flooding in areas downstream, in Utica, in Rome, in Herkimer, in Dolgeville and a number of other communities.

There were 240,000 residences and

business without power at the height of the storm.

In Herkimer County one individual was killed when he drove his car into a flooded area, got out, and was swept away by the rising waters. A significant section of the village of Dolgeville was flooded and residents were evacuated from parts of the Town of Frankfort.

On Friday, November 1, Soldiers and Airmen began mobilizing at three air bases and several armories. Teams under the leadership of Col. Robert Charlesworth, the commander of the 27th Infantry Brigade Combat Team, arrived at the Herkimer County Emergency Operations Center on Friday morning to be available for immediate missions and access the situation.

New York National Guard leaders mobilized debris clearance teams from the New York Air National Guard's 174th Attack Wing in Syracuse, the 109th Airlift Wing in Scotia and the 105th Airlift Wing in Newburgh. The Army National Guard's 204th Engineer Battalion, headquartered in Binghamton, was tasked with sending an engineer response team equipped with front end loaders, bulldozers and dump trucks.

General response forces were dispatched from the 27th Infantry Brigade Combat Team, the 42nd Combat Aviation Brigade, the 53rd Troop

Command, the 109th Airlift Wing and the 174th Attack Wing. These forces were tasked with debris clearance and traffic control missions.

Major General Ray Shields, the adjutant general of New York, directed the teams to move at 6 a.m. on Nov. 2 and was on site in Herkimer when the troops arrived.

A 39-Soldier team from the 204th Engineer Battalion was tasked with cleaning up the debris left behind when the East Canada Creek flooded parts of Dolgeville.

The river breached a berm that the Army Corps of Engineers built to contain the stream in the 1930s.

Along with punching a hole in the berm, the fast-moving water left rocks throughout the flooded area after the water receded. The engineers brought in two bulldozers and other equipment to rebuild the embankment along East Canada Creek and removed the debris left by the flooding.

New York National Guard Soldiers and Airmen conducted debris clearance and some emergency road repair missions in the Town of Frankfort, the Town of Newport and the Town of Ohio on November 2 and 3.

A total of 216 New York Military Forces members supported the mission with 210 in state active duty status. Some general purpose response



Army National Guard Sgt. Seydou Dembele, right, a member of the 133rd Quartermaster Company, provides assistance to a tourist while on security patrol as a member of Joint Task Force Empire Shield in New York's Penn Station Sept. 17, 2019.

Emergency Operations

forces were released on Nov. 3 and 4, while Army and Air National Guard engineers remained on duty to handle tasks which required their specialized training and equipment. The mission concluded on November 8.

December Winter Storm

A two-day snow storm dumped 2 feet of snow on some parts of New York's Capital Region on December 1 and 2. Governor Andrew M. Cuomo declared an emergency in seven counties and

ordered the deployment of up to 300 members of the New York National Guard following the state capital's 8th biggest snowstorm on record.

The emergency declaration covered Ulster, Schenectady, Saratoga, Rensselaer, Greene, Columbia and Albany Counties. National Guard personnel and equipment were mobilized to assist local governments in dealing with the snow.

New York National Guard Soldiers and Airmen began reporting for duty at Camp Smith Training Site, near Peekskill, New York National Guard Headquarters in Latham and Stratton Air National Guard Base in Scotia, on the evening of Dec. 2.

The 109th Airlift Wing assumed control of Joint Task Force 3 to handle missions in the Capitol District, while the 53rd Troop Command assumed control of Joint Task Force 2 for Hudson Valley missions.

Soldiers from the 42nd Combat Aviation Brigade and the 1156th Engineer Company, and Airmen from the 109th Airlift Wing and 105th Airlift Wing



New York Lieutenant Governor Kathy Hochul hands a turkey to a boy as part of Operation Turkey Drop Nov. 24, 2019 at the Niagara Falls Housing Authority. Hochul assisted members of New York's military forces in the distribution.



Army National Guard Soldiers from the 1156th Engineer Company help crews in Schenectady, N.Y. clean up after a major snow storm on Dec. 3, 2019. New York Governor Andrew M. Cuomo called out up to 300 National Guard Soldiers and Airmen to assist.

responded to the mission. Volunteers from the New York Naval Militia and New York Guard also mobilized. Personnel from Joint Task Force Empire Shield were also mobilized to Camp Smith and Stratton Air National Guard Base to assist.

A total of 372 personnel took part in the mission. Of these, 279 were in state active duty status.

The bulk of the missions involved removing snow from 1,621 fire hydrants in towns and villages in Columbia, Rensselaer and Schenectady Counties.

The 1156th Engineer Company dispatched five dump trucks to assist in hauling away snow in Schenectady. The Soldiers transported 14,000 tons of snow from city roads to dump points. The mission concluded on December 8.

Holiday Missions

During Christmas and Thanksgiving the New York Military Forces were directed to assist in good will missions.

During Thanksgiving, New York Military Force members helped prepare and distribute 3,753 turkey dinner food packages in Niagara Falls, Manhattan, Brooklyn and Westbury. Joint Task Force Empire Shield members handled the missions in New York City, while New York Guard members were tasked for the other missions. Sixty-eight troops were involved with 67 in state active duty status.

Operation Toy Drop in December involved 40 service members in state active duty status at locations in Albany, Bronx, Erie, Monroe, Nassau, Niagara, New York, Onondaga, Queens, Suffolk and Westchester counties assisting in distributing toys to low-income families.

Standing Civil Support Missions

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



Army National Guard 2nd Lt. Kay Ann Stewart, a member of the 145th Service Maintenance Company, and Sgt. Arden Pickering, assigned to the 427th Brigade Support Battalion, with members of the New York State Police while on patrol as part of Joint Task Force Empire Shield in New York's Grand Central Station on Sept. 17, 2019. Joint Task Force Empire Shield is the New York National Guard security force in New York City, operating under the command of the governor, which augments civilian law enforcement at air, rail, and other transport hubs in New York City.

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

Joint Task Force Empire Shield

Throughout the year, the members of Joint Task Force Empire Shield (JTFES), a force of New York Army and Air National Guardsmen in state active duty augment security at airports, train stations and other key transportation infrastructure hubs.

Members of JTFES are also tasked to assist in closing New York City bridges and tunnels if required.

The force currently consists of 742 personnel: 615 Army National Guard Soldiers, 120 Air National Guard Airmen and seven members of the New York Naval Militia.

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 the New York State Division of Military and Naval Affairs Headquarters in Latham.

During 2019, JTFES conducted 6,210 missions. A mission is defined as a unit of New York National Guard Soldiers or Airmen engaged in a task for four hours or greater. On a daily basis members of JTFES are on duty at key infrastructure sites and ready to add additional forces when called upon.

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 patrols the waters adjacent to the Indian Point Energy Center in Buchanan.

JTFES regularly participates in Multi-Agency Super Surges (MASS). During these operations multiple law

Emergency Operations

enforcement agencies surge forces at key locations. These include Port Authority Police Department, the Metropolitan Transportation Authority Police, New Jersey Transit Police, Amtrak Police and Department of Homeland Security representatives.

The goal of the MASS is to detect, deter, disrupt and defeat potential terrorist threats. JTFES took part in 23 MASS operations in 2019.

JTFES took part in Operation RAIL-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

During 2019, 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. The 21 Army and Air National Guard members assigned to this program in a state active duty status conducted 747 training sessions during 2019 and trained 31,896 people.

At some of these seminars, emergency preparedness "go bags" were given to attendees. A total of 11,477 bags, designed to act as the starter for a customized emergency kit, were distributed.

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 CST is a high priority response unit supporting civil authorities responding to a weapons of mass destruction 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 in a Title 32 status.

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 additional resources.

The CSTs participate in both military and civilian emergency response training. Instruction is provided from several Department of Defense schools, along with other agencies such as FEMA, Department of Justice, the Environmental Protection Agency and the Department of Energy.

The CST is equipped with high-end detection, analytical and protective equipment. The unit possesses satellite, secure and cellular 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.



Army National Guard Capt. Salvatore Scannapieco, 2nd Weapons of Mass Destruction-Civil Support Team (2nd WMD-CST), New York National Guard, utilizes a glovebox to detect biological warfare agents during a training exercise at Stewart Air National Guard Base, N.Y., Nov. 14, 2019.

cal warfare.

New York's 2nd Civil Support Team is located in Scotia. 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.

During 2019 the 2nd CST took part in 59 standby missions, 4 assist missions and one response mission. The response mission involved hazardous materials at Stratton Air National Guard Base. The team also conducted 13 major team training operations.

The 24th Civil Support Team is located at Fort Hamilton in Brooklyn. 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 2019 the 24th CST took part in 129 standby missions and conducted 9 collective training exercises.

The team conducted one response mission. When a fire broke out on October 15 in the vicinity of a training exercise, the team responded when asked to produce a plume model for the smoke from the blaze. The team also assisted in post-fire hazardous substance identification.





Army National Guard search and extraction team members assigned to Bravo Company, 152nd Brigade Engineer Battalion, prepare a simulated victim for extraction during Homeland Response Force training at Lakehurst Naval Air Station at Joint Base McGuire Dix Lakehurst in Lakehurst, N.J. November 15, 2019. The engineers serve as part of the Homeland Response Force for FEMA Region 2.



Air National Guard Master Sgt. Roger Yurko, 105th Airlift Wing emergency manager, and Army National Guard Sgt. Casey Taylor, 2nd Weapons of Mass Destruction-Civil Support Team, analyze suspected contamination during a training exercise at Stewart Air National Guard Base, N.Y., Nov. 14, 2019.

The 24th CST sent two personnel to Puerto Rico to take part in a Vigilant Guard exercise. Vigilant Guard exercises are national level training missions involving Guard units from around the country responding to a simulated domestic emergency.

FEMA Region II Homeland Response Force

The Homeland Response Force (HRF) is made up of members from the New York and New Jersey National Guards with a strength of 1,200. In 2019 the HRF was commanded and organized by the 27th Infantry Brigade Combat Team Headquarters in Syracuse.

The current HRF was validated dur-

ing an exercise at Joint Base McGuire-Dix-Lakehurst in November.

The DoD established 10 National Guard-sourced 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 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, and command and control. The HRF provides a headquarters for the arrival of follow-on response forces, whether from other National Guard states or the active component.

Members of the HRF conduct specialized training in a simulated CBRN environment, utilizing civilian equipment and incident command structure to better integrate the HRF element with first responders.

The HRF does not supplant state or local authority; it augments capabilities that local, state, and federal agencies may lack in a CBRN event. The HRF conducts unit training for CBRN response in addition to war-time mission requirements.

Critical Infrastructure Protection-Mission Assurance Assessments Detachment (CIP-MAA)

The CIP-MAA Detachment is composed of nine New York Army National Guard Soldiers who have the skills and training to conduct assessments of critical defense assets involving transportation, defense, energy and communications infrastructure.

They work in support of the Defense Critical Infrastructure Program but can also conduct missions in support of New York state entities.

The team includes a mission analyst, electrical specialist, transportation specialist, water, heating, ventilation and air conditioning specialist, a communications specialist, an air conditioning specialist, and petroleum



Soldiers assigned to the New York Army National Guard's 204th Engineer Battalion shore up a berm in Dolgeville, N.Y. which suffered a breach following heavy rains on Halloween night on Nov. 5, 2019. The engineers were among 200 New York National Guard Soldiers and Airmen called up on state active duty to aid Herkimer County communities .

oil and lubricants specialist along with a photographer and team leader. In 2019, cyber security and counter-UAS skills were added to the team.

The detachment is based at the New York State Armory in Leeds.

DHSES Cyber Incident Response Team

The creation of the DHSES Cyber Incident Response Team was directed by Governor Andrew M. Cuomo in 2016. The team provides cyber-security expertise for counter terrorism, critical infrastructure and cyber-security risk assessments for local, county and state authorities.

New York Military Force members with required skill sets conduct this mission in a state active duty status. During 2019 the team consisted of 11 service members.



Army National Guard Spec. Ryan Baranski, assigned to the 3rd Battalion, 142nd Aviation, clears snow from a fire hydrant in Kinderhook, N.Y. Dec. 3, 2019 following a snow storm.

Counterdrug Task Force

The New York National Guard Counter Drug Task Force provides direct analytical support to local, state and federal law enforcement agencies. The task force also works to assist local community based anti-drug and anti-addiction organizations deal with various drug threats within their respective communities.

The Counter Drug Task Force takes two direct approaches to achieve mission accomplishment.

First, through drug supply reduction, trained Soldiers and Airmen provide case analysis support by direct partnerships with law enforcement across the state. Secondly, members provide demand reduction support by pairing trained civil operations specialists with specific community anti-drug groups that are combatting serious drug related issues in their communities.

At the end of federal fiscal year 2019, the task force had 133 Soldiers and Airmen assigned and conducted 221 missions across New York State.

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 drug trafficking organizations. Soldiers and Airmen also provided specialized analytical support in the field of financial crimes and specialized detection equipment support to aid law enforcement in illicit narcotics discovery and interdiction.



Their efforts directly supported 79 local, state and federal law enforcement entities. The Counter Drug Task Force assisted in various cases resulting in more than \$82.7 million in total seizures. Confiscations associated with these arrests included:

- 147 weapons
- Over \$7.3 million in currency
- 34 vehicles
- 150 pounds of heroin
- 65 pounds of fentanyl
- 4,362 pounds of cocaine
- 45 pounds of methamphetamines
- 23 pounds of MDMA (ecstasy) pills
- 7,275 pounds of cannabis
- Over \$167K in other seized property

The Civil Operations Program performed community outreach services to confront substance abuse related issues in New York's communities.

In the past year, 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. Additionally, working in conjunction with the New York State Office of Alcohol and Substance Abuse Services (OASAS), civil operators applied their unique military skills, such as organizational decision-making, to help develop and sustain 108 community based organizations located in 30 of the state's 62 counties.

Task force members were also involved in efforts to stand up the Hudson Valley Interlink Analytic System which employs data from area hospitals to help better track drug trends.



National Guard leaders cut the ribbon at the renovated New York Counterdrug Task Force building at Stratton Air National Guard Base in Scotia, N.Y. on Sept. 27, 2019.

During 2019, two LUH-72 light utility helicopters assigned to the task force flew 35.7 hours in support of local, state and federal law enforcement. They directly supported 10 different agencies statewide.

The task force also employed a dedicated Counterdrug Detection Unit that operated with numerous law enforcement agencies to deploy equipment to assist with drug detections.

The team supported 29 law enforcement operations and public venue security missions. Task force personnel used ion-scan technology to detect traces of illegal substances on vehicles, individuals and other items. They also utilized x-ray devices to assist law enforcement in searches and employed cellular phone data extraction devices to assist law enforcement agencies with attaining crucial information from cellular phones aiding in ongoing investigations.

Task force linguists continued to support both civil operations and criminal investigations unique to New York State. National Guard linguists provided translation support in a variety of languages, to include Arabic, Russian, French and Chinese-Mandarin.

Honoring New Yorkers in 2019

The New York Army and Air National Guard provided military funeral honors for 11,006 families of veterans and military members during 2019

The New York Army National Guard runs a centralized military funeral honors program with eight offices across the state. Each of the New York Air National Guard's wings and the Eastern Air Defense Sector run their own Honor Guard programs.

Among the burials conducted by the New York Army National Guard in 2019 was the Oct. 12 interment of Sgt. Francis S. Currey, a World War II veteran who received the Medal of Honor for his actions during the Battle of the Bulge.

Currey, a resident of Selkirk, N.Y., was one of the last three living Medal of Honor recipients from World War II when he died.

The New York Army National Guard also provided honors for one-time Army private Needham Mayes, whose family successfully appealed to the secretary of the Army to have a 1956 dishonorable discharge revised so he could be buried in a veterans' cemetery with military honors.

In December, an honor guard team provided full honors for Mayes, a New York City resident who died at the age of 85 on Veterans Day.

The overall number of military funeral honors conducted in 2018 was 11,326 for both the New York Army and Air National Guard.

New York Army National Guard teams located across the state conducted 8,604 funerals during 2019. New York Army National Guard teams located across the state conducted 9,034 funerals during 2018.

During 2019 The Long Island office conducted 2,981 funerals while the office in the Bronx was responsible for 1,088 and the Jamaica, Queens office handled 1,045 funeral events.

The Buffalo office conducted 963 military funerals, the Latham office handled 869 and the Rochester location provided 772 funeral honors



Army National Guard Col. Isabel Smith, chief of staff of the 53rd Troop Command, greets a World War II veteran at the New York State Veterans Home on Montrose, N.Y. on June 6, 2019 during an event organized by New York Gov. Andrew M. Cuomo to recognize veterans. Smith was one of five National Guard senior leaders who visited the five state veterans home to present New York State Medals to service members who served on D-Day or in the European Campaign.

services.

There were 559 military funerals conducted by the Syracuse office and 327 at the Horseheads location.

The New York Army National Guard has 40 Soldiers on full-time duty who provide military honors and another 88 who serve as members of an honor guard as needed.

Each honor guard member goes through a training program to ensure they can perform the movements correctly.

The New York Air National Guard's Honor Guards conducted 2,403 military funeral honors services in 2019. In 2018 The New York Air National Guard performed 2,292 funerals.

The honor guard of the 106th Rescue Wing, at F.S. Gabreski Air National Guard Base in Westhampton Beach on Long Island, is the busiest one in New York.

The wing provides honor guard services at Calverton National Cemetery and conducted 1,058 interments in 2019.

The honor guard of the 107th Attack

Wing, which operates from Niagara Falls Air Reserve Station, conducted 412 military funerals in 2019.

The 109th Airlift Wing honor guard, at Stratton Air National Guard Base in Scotia, will conduct 375 funeral missions in 2019.

The 105th Airlift Wing, at Stewart Air National Guard Base in Newburgh, provided honor guard services at 240 funerals in 2019.

The 174th Attack Wing in Syracuse provided military funeral honors 296 times during the year, while the Eastern Air Defense Sector in Rome conducted 42 military honors internments.

People eligible for funeral honors include:

Military members on active duty or in 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



Army National Guard Spc. Jarod Barnard, assigned to the 27th Infantry Brigade Combat Team Headquarters in Syracuse, N.Y., holds the brigade colors during a dedication ceremony for a World War I memorial May 25, 2019 in Bony, France. The monument dedication commemorates the service of the 107th Infantry Regiment, part of the 27th Division during World War I and its contributions during the offensive on the Hindenburg Line of German defenses in the Somme in September 1918. The regiment, part of the New York National Guard division, suffered some 1,000 casualties in a single day on September 29, 1918.



Army National Guard Sgt. Joshua Sanzo, right, and Pvt. Alexander Martinez, left, members of the New York Military Forces Honor Guard, fold the U.S. colors from the grave of Army Medal of Honor recipient Tech. Sgt. Francis S. Currey for Spc. Ryan Gosse, center, to present to next of kin at the Mt. Pleasant Cemetery in South Bethlehem, N.Y. October 12, 2019.

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



Major General Ray Shields, the Adjutant General of New York, speaks with local veterans prior to an awards ceremony at the former New York State Armory in Hoo-sick Falls, N.Y. on August 28, 2019. Shields honored 10 local veterans with New York state awards recognizing their military service during the event.

838,129 veterans in 2016. Of those men and women, nearly forty percent, some 321,942 veterans, are aged 70 and older.

NY Army National Guard Facilities

The Division of Military and Naval Affairs operates and maintains 36 armories, four National Guard Readiness Centers, 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 Watervliet Arsenal, the Camp Smith Training Site, four Local Training Areas, and two 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 by the agency. One of these, the Marcy Ave. Armory in Brooklyn, is often used as a movie production facility.

Many agency installations were established around the turn of the 20th century, 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 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 essential for mobilizing, staging, supporting and sustaining response to disasters within New York State. New York Army National Guard logistical facilities 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 weekday basis and select weekend periods. In addition to the structure and logistical support programs, the armory infrastructures are used by National Guard sponsored Drug Interdiction Programs as well as the state's militia force, the New York

Guard. Some facilities are also used by the New York Naval Militia.

The Division of Military and Naval Affairs Facilities and Engineer Directorate conducts continual maintenance, restoration and modernization 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 division continues to manage its capitol backlog of sustainment, restoration and modernization (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 are the direct result of the infrastructure not 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 reduced



After four years and nearly \$60 Million in renovations, the 5th Avenue Armory in Harlem saw the return of its Soldiers in 2019. The armory is home to Soldiers 369th Sustainment Brigade Headquarters and 369th Special Troops Battalion.



Soldiers assigned to the 1156th Engineer Company headquartered at Camp Smith, N.Y., excavate the foundation for a track built at the New York National Guard headquarters in Latham, N.Y., Nov. 5, 2019. The new track was constructed to give personnel at the facility an option for running that will keep them away from local traffic.

repetitive maintenance requirement and utility savings through improved 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 2019 the Division of Military and Naval Affairs secured \$91 million in federal funding to renovate the Jamaica Queens Armory, home to elements of the 1st Battalion, 258th Field Artillery and Golf Company, 427th Brigade Support Battalion.

The total cost of this project is anticipated to be \$121 million and will fully renovate the interior of the armory. The renovations will include all of the heating, ventilation and air conditioning systems, communications, maintenance shop and an addition of a second story over the drill shed. The building will enjoy a new floor

plan with modern finishes while being brought up to compliance with all modern code requirements.

The renovated armory will also be constructed in accordance with U.S. Green Building Council Leadership in Energy and Environmental Design Silver design criteria. The design of the project progressed significantly in 2019 positioning an award of the project in the summer of 2020.

Design work included upgrades to Camp Smith Building 70, a simulations building, at the close of 2019 and construction commenced.

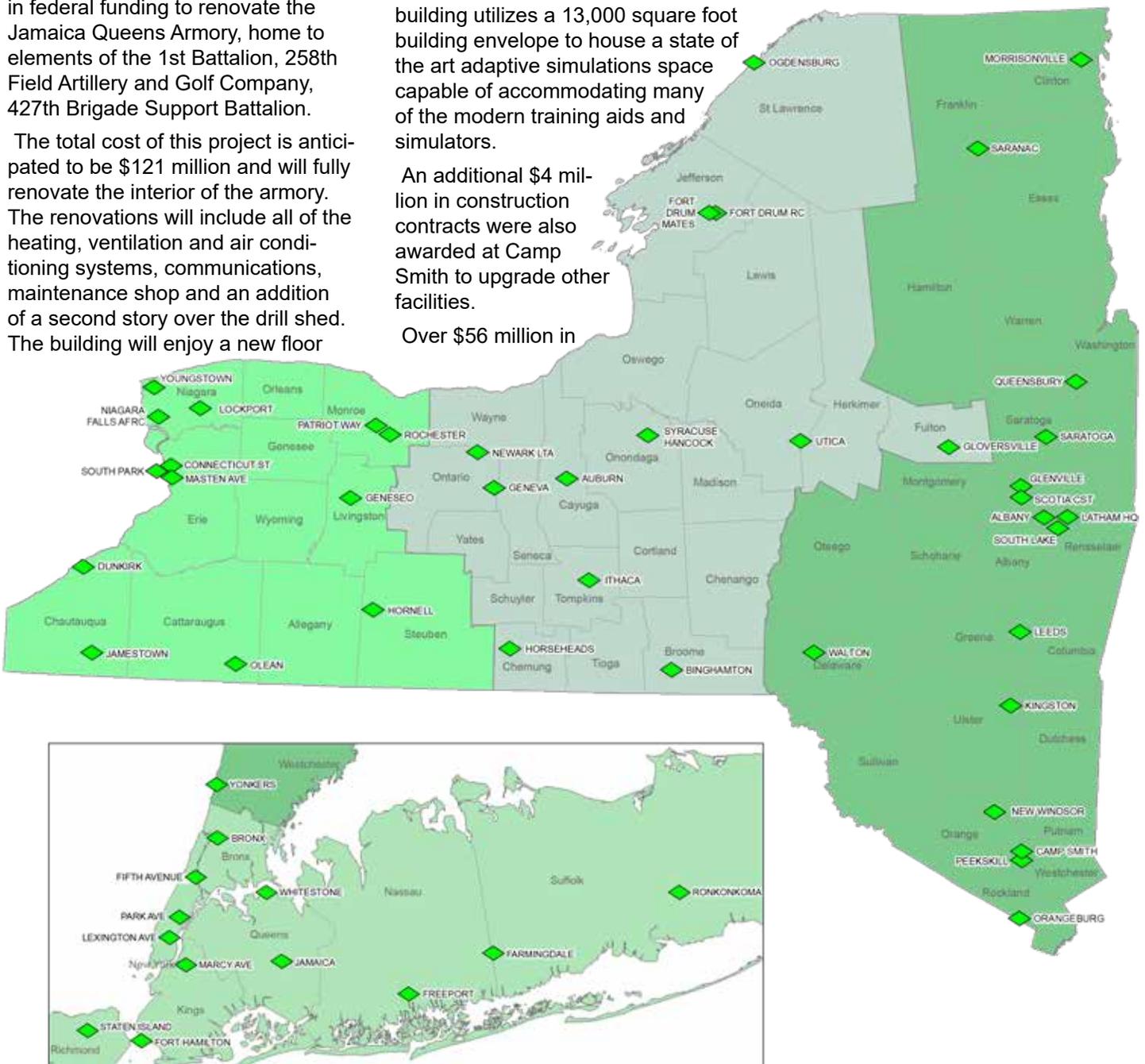
This project is due to be completed at the end of 2020. This simulations building utilizes a 13,000 square foot building envelope to house a state of the art adaptive simulations space capable of accommodating many of the modern training aids and simulators.

An additional \$4 million in construction contracts were also awarded at Camp Smith to upgrade other facilities.

Over \$56 million in

federal funds were executed in construction contracts for environmental hazard mitigation. Improving the environmental quality of our armories has become a top priority for both the New York National Guard and the public use of our facilities.

DMNA also began construction on four projects during 2019 to increase our heating efficiency and decrease agency energy use during the heating season. Converting to hot water condensing boilers and modern controls equipment, as an example, have vastly improved the efficiency of heating systems and reduced energy demand.



Camp Smith Training Site

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

Camp Smith, a state owned facility, 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 O'Brien Hall, the visitors' quarters.

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 in a safe work environment

The facility incorporates an energy



Army Spc. Erick Barksdale, a military policeman assigned to the 107th Military Police Company, completes the two-mile portion of the Army Physical Fitness Test for the at the Best Warrior Competition at Camp Smith Training Site, N.Y., March 28, 2019.

efficient design and is illuminated with state-of-the-art LED light fixtures and light control technology. The heating, ventilation and air conditioning system 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 location for New York National Guard responses to state emergencies occurring in the Hudson Valley. 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 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 Trainer 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 exercising in a number of simulated tactical situations;
- And the Virtual Convoy Trainer or VCOT, which utilizes computer stations to allow teams to practice convoy procedures in a 360-degree virtual environment.

There are also six rappel and climbing lanes marked out on the cliffs near O'Brian Hall.

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 terrain facility, a NBC training facility, a hand-to-hand combatives pit, a running track, six rappel and climbing lanes,



Civilians participating in a "boss lift" leave a UH-60 helicopter at the Camp Smith Training Site on Sept. 16, 2019. Twenty employers from the Albany, N.Y. area and Long Island visited to get a first hand look at New York Army National Guard training as part of the Employer Support of the Guard and Reserve program.

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 conducted by the 106th Regional Training Institute.

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, the 106th Regional Training Institute and the 138th Public Affairs Detachment.

The 106th Regional Training Institute provides training classes for Army National Guard and Army Reserve personnel



Jerry Anthis, a service manager for Sinclair Fuel on Long Island, gets hints about the M-4 carbine from New York Army National Guard Sgt. 1st Class Fredrick Goldacker during a "boss lift" at Camp Smith Training Site in Cortlandt Manor, N.Y. on Sept. 16, 2019.

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.

Camp Smith Training Site

Personnel Trained on Ranges		Personnel Using Training Areas		Billeting Use	
Army National Guard	3,139	Army National Guard	27,452	Barracks	75,247
Air National Guard	108	Air National Guard	1,376	Lodging	5,856
U.S. Army Reserve	310	U.S. Army Reserve	599	Total:	81,103
U.S. Army	114	U.S. Army	400		
Other DoD	110	Other DoD	129		
Non-DoD	3,925	Non-DoD	2,857		
Total:	7,706	Total:	32,813		
				Simulator Use	
				Army National Guard	6,235
				U.S. Army Reserve	41
				Other DoD	50
				Total:	6,326



Army Sgt. 1st Class Martin Cozens, an infantryman assigned to Alpha Company, 2nd Battalion, 108th Infantry Regiment, 27th Infantry Brigade Combat Team, moves under direct fire during a simulated event of the Best Warrior Competition at the Camp Smith Training Site, N.Y., March 28, 2019.

Youngstown Training Area

Personnel Trained on Ranges		Personnel Using Training Areas	
Army National Guard	67	Army National Guard	4,542
U.S. Army Reserve	62	U.S. Army Reserve	50
Total:	129	Other DoD	322
		Total:	4,914

New York Army National Guard

The New York Army National Guard is the largest component of the New York Military Forces. The Army National Guard is one of two reserve components of the United States Army. The other is the Army Reserve.

At the end of federal fiscal year 2019 the New York Army National Guard had an assigned strength of 10,165 Soldiers. The authorized strength was 10,235.

The commander of the New York Army National Guard is Maj. Gen. Raymond Shields, who is concurrently the Adjutant General of New York.

Brig. Gen. Michel Natali, serves as assistant adjutant general, Army, and manages the day-to-day activities of the New York Army National Guard. Col. Steve Rowe is the chief of staff of the New York Army National Guard.

Command Sgt. Major David Piwowarski serves as the senior non-commissioned officer for the New

York Army National Guard.

The New York Army National Guard can trace its history back to the Dutch Colonial "Burger Guard" which was formed to protect the New Netherlands colony in the 1640s. New York's militia units played a part in the Battle of Saratoga and formed part of the army on the "Niagara Frontier" during the War of 1812.

At the start of the Civil War New York's 7th Regiment and 69th Regiment were among the first to answer President Abraham Lincoln's call for troops. Many of these same Soldiers then enlisted in the state volunteer regiments which went on to serve during the war.

In World War I the New York National Guard's 27th Division and 369th and 69th Infantry distinguished themselves in the fighting there. During World War II the 27th Division served on the islands of Makin, Saipan and

Okinawa, while other New York National Guard elements, like the 101st Cavalry and 258th Field Artillery, served in Europe.

New York Army National Guard troops served in Afghanistan and Iraq and in 2005 the 42nd Infantry Division led a division-sized force in Iraq.

The New York National Guard is organized 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.



Army Spc. Erick Barksdale, center, a military policeman assigned to the 107th Military Police Company runs through smoke during the stress shoot event of the New York Best Warrior Competition at Camp Smith Training Site, N.Y., March 28, 2019. The Best Warrior Competition is an annual event in which enlisted Soldiers and noncommissioned officers from various New York Army National Guard units compete in events intended to test their military skills and knowledge as well as physical fitness and endurance.

42nd Infantry Division

The 42nd Infantry Division is one of the eight division headquarters in the Army National Guard. The division is capable of controlling a number of maneuver and support brigades in combat and would normally command around 20,000 troops.

Total strength of 42nd Infantry Division elements in New York at the end of fiscal year 2019 was 5,281: 4,511 enlisted Soldiers, 149 warrant officers, and 621 officers.

The 42nd Infantry Division is headquartered in Troy, N.Y. and is commanded by Maj. Gen. Steven Ferrari. Soldiers assigned to the division are part of the headquarters and headquarters battalion commanded by Lt. Col. Gurpreet Singh.

Other components of the division include the 42nd Infantry Division Band and the 10th Mountain Division Main Command Post Operational Detachment (MCPOD). The 72-Soldier detachment, known as a "mickpod", consists of officers and non-commissioned officers who can help staff the headquarters of the active duty Army division when it deploys.

The division headquarters strength was 872 at the end of federal fiscal year 2019: 646 enlisted Soldiers, 39 warrant officers, and 187 officers.

The 42nd Infantry Division provides mission command for two elements in New York, the 42nd Combat Aviation Battalion and the 27th Infantry Brigade Combat Team.

The division also has a training relationship with Army National Guard brigades in New Jersey, Massachusetts and New Hampshire.

The 42nd Infantry Division traces its history back to World War I, when the Army organized a division made up of National Guard units from many states. Then-Colonel Douglas McArthur, who originated the idea, said the division would stretch across the country "like a Rainbow". Since then the division has been known as "The Rainbow Division."

The division distinguished itself in combat in 1917 and 1918 and was deactivated following the end of World War I.

In 1943 the 42nd Infantry Division was reactivated. The division's troops landed in Southern France at the end of 1944 and the beginning of 1945 and captured the German cities of Wurzburg and Schweinfurt among others and then occupied Vienna. The Soldiers of the 42nd Division are credited with liberating the infamous Dachau concentration camp.

In 1947 the division was assigned to the New York National Guard.

In 2004 the 42nd Infantry Division headquarters, support elements, Division Artillery and 42nd Aviation Brigade were mobilized for deployment to Iraq as part of the Operation Iraqi Freedom III rotation.

The division headquarters was responsible for commanding almost 23,000 active Army, Army National Guard and Army Reserve Soldiers in four Iraqi provinces north of Baghdad during a year-long deployment in Iraq.

During 2019 the division headquarters conducted major command post exercises at Fort Drum in July and at Fort Indiantown Gap in October to prepare for the deployment of 600 Soldiers to Kuwait in 2020.

The headquarters is deploying to Kuwait to provide command for U.S. forces operating in the Middle East.

27th Infantry Brigade

The 27th Infantry Brigade Combat Team (IBCT) is a light infantry brigade composed of three infantry battalions,

a cavalry squadron, an artillery battalion, a brigade engineer battalion and a brigade support battalion. The brigade is commanded by Col. Robert Charlesworth.

Assigned strength of the brigade in New York was 3,395 at the end of federal fiscal year 2019: 3,037 Soldiers, 23 warrant officers and 335 officers.

Elements of the brigade are located across New York from Jamestown in the western part of the state to Farmingdale on Long Island.

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

The brigade traces its history back to the 27th Division which fought in World War I. When the Army renumbered National Guard divisions in 1917 the New York National Guard's division was given the number 27.

The division's nickname of "Orion" was a play on words of the division's commander, Maj. Gen. John F. O'Ryan. The brigade's patch features the stars of the constellation Orion and the letters NYD intertwined, standing for New York Division.

In World War I the 27th Division fought with the British Army in Flanders and in World War II the division fought in the Pacific, invading the Islands of Makin, Saipan and Okinawa.

The brigade deployed to Afghanistan in 2008 and 2009 and to Kuwait in 2012. Elements of the brigade de-



Soldiers of the 1st Battalion, 69th Infantry move to the parade start line in New York City March 17, 2019 for their annual support to the New York City St. Patrick's Day Parade. The battalion, with Irish lineage dating back before the American Civil War, has led the parade, considered the world's largest, since 1853.

ployed to Iraq in 2004 and 2005.

Elements of the 27th Infantry Brigade Combat Team are:

- The 1st Battalion, 69th Infantry, nicknamed the “Fighting 69th” which is headquartered at the Lexington Avenue Armory in Manhattan and has companies in Camp Smith and Farmingdale. According to legend the unit got its nickname from Confederate General Robert E. Lee. The battalion deployed to Baghdad, Iraq in 2004/2005. The battalion is commanded by Lt. Col. Joseph Whaley.

- The 2nd Battalion, 108th Infantry, headquartered in Utica with elements in Morrisonville, Gloversville, Ogdensburg, Leeds and Ithaca. The battalion deployed to Iraq with the 1st Infantry Division in 2004. The commander is Lt. Col. Matt Kilgore.

- The 1st Battalion, 182nd Infantry, a part of the Massachusetts Army National Guard, is headquartered in Melrose Massachusetts, and traces its history back to King Phillips War in 1675. The battalion was assigned to the 27th Brigade in 2016. The battalion includes an infantry company that is part of the Rhode Island National Guard. The battalion is commanded by Lt. Col. Shane Maxon.

- The 2nd Squadron, 101st Cavalry, which is headquartered at Niagara Falls Air Reserve Station and has elements in Jamestown, Buffalo and Geneva. The squadron is commanded by Lt. Col. Bradley Frank.

- The 1st Battalion, 258th Field Artillery. Nicknamed the Washington Greys, because one of the battalion’s forbearers escorted General George Washington during his presidential inauguration in 1789, the battalion provides fire support to the brigade. The battalion has two batteries of 105 millimeter M117 howitzers and one battery of longer-range M777A2 155 millimeter howitzers. The battalion is led by Lt. Col. Marc A. Lindemann.

- The 152nd Brigade Engineer Battalion, which is headquartered in Buffalo and has companies in Syracuse, Lockport, Rochester and New York City. The battalion also includes a signal company and intelligence company as well as two engineer companies and is commanded by Lt.



Soldiers assigned to the 2nd Squadron, 101st Cavalry Regiment participate in a spur ride at the Youngstown Local Training Area in Youngstown, N.Y. Sept. 7, 2019. The spur ride, a cavalry tradition, tests Soldiers on the basic skills of a cavalryman, while pushing them to the brink of mental and physical exhaustion.



Army National Guard Soldiers assigned to Headquarters and Headquarters Company, 1st Battalion, 69th Infantry Regiment, operate an M224 60mm mortar during a training exercise June 21, 2019 at Fort Drum, N.Y.

Col. William Snyder.

- The 427th Support Battalion, headquartered in Syracuse with units located in Buffalo, Fort Drum, New York City, Rochester and Glenville. Companies of the 427th directly support each of the brigade’s New York units. The battalion is commanded by Lt. Col. Shawn Shutts.

During 2019 the 27th Brigade took over the New York National Guard’s Homeland Response Force mission

from the 42nd Infantry Division. The brigade’s headquarters company is now responsible for coordinating the New York and New Jersey National Guard response to major terrorist attacks.

As the command for the Federal Emergency Management Agency Region II, the 27th Brigade headquarters will command the response to chemical, biological, radiological or enhanced explosive incidents within



Army National Guard Soldiers assigned to Alpha Company, 1st Battalion, 69th Infantry Regiment conduct marksmanship training at Camp Santiago, Puerto Rico on April 13, 2019. While in Puerto Rico for an extended training weekend, the Soldiers honed their warfighting skills by practicing short-range marksmanship techniques.

New York, New Jersey, Puerto Rico and the Virgin Islands.

In July and August, 4,200 Soldiers participated in a Brigade Warfighter Exercise and Annual Training at Fort Drum, New York.

The staff exercise tested the brigade and battalion command and staff abilities to plan and conduct missions while testing mission command, targeting, planning and sustainment functions. The brigade and battalion headquarters successfully integrated new digital control systems into their staff and command functions.

During 2019 the 1st Battalion, 182nd Infantry took part in the annual Exercise Together Forward training conducted by U.S. Army South. Platoons from the battalion rotated to Honduras, Guatemala and El Salvador to train with units from those nations for three, two week stints.

The 2nd Battalion, 108th Infantry also deployed a platoon – 44 Soldiers-- to train in the United States Southern Command area. The New York Army National Guard Soldiers deployed to the Dominican Republic to conduct joint training there as part of Operation Trade Winds.

Alpha Company, 1st Battalion, 69th Infantry conducted a weekend drill at Camp Santiago, Puerto Rico in April of 2019, while Alpha Company, 1st Battalion, 182nd Infantry—a part of the Rhode Island National Guard—also conducted training in Puerto Rico in November.

Four Soldiers from the brigade took part in the South African Defence Force Military Skills Competition held in Potchefstroom, South Africa, Oct. 21-26. The New York National Guard has an exchange partnership with the South African military through the National Guard's State Partnership Program.

Participating in the event, which also included social and cultural events, were:

- Army National Guard Sgt. 1st Class Martin Cozens, a Rochester resident assigned to Alpha Company, 2nd Battalion, 108th Infantry in Geneseo.
- Army National Guard Sgt. 1st Class Brendon Mavra, a Mohegan Lake resident, assigned to Delta Company, 1st Battalion, 69th Infantry in Farmingdale.
- Army National Guard Sgt. Jonathan Patton, a New York City resident assigned to Headquarters Company, 1st Battalion, 69th Infantry at the Lexington Avenue Armory in Manhattan.
- Army National Guard Sgt. Zachary Rodak, a Peekskill resident assigned to Charlie Company, 1st Battalion, 69th Infantry based at Camp Smith Training Site in Cortlandt Manor.

Another 27th Brigade Soldier—Staff Sgt. Thomas Carpenter, a full-time Soldier assigned to Headquarters Company, 2nd Battalion, 108th Infantry—attended the Brazil Army Jungle Warfare Training Center international class in October and November. Brazil offers the course annually to

Soldiers from around the globe. This was also done through the State Partnership program.

Two 27th Brigade Soldiers – Sgt. 1st Class Martin Cozens from the 2nd Battalion, 108th Infantry, and Cpl. Joseph Ryan, a member of the 1st Battalion, 69th Infantry—represented the northeastern states in the annual Army National Guard Best Warrior Competition held in Oklahoma in 2019.

To get to that point both Cozens and Ryan had to beat Soldiers from New England, New Jersey and Pennsylvania.



2nd Lt. Jessica Reed, an armor officer assigned to Bravo Troop, 2nd Squadron, 101st Cavalry Regiment based in Jamestown, N.Y., became the New York Army National Guard's first female armor officer when she graduated from the course on June 4, 2019.

Cozens was the runner up in the national competition's non-commissioned officer category.

A team of 10 cooks assigned to Fox Company of the 427th Brigade Support Battalion, excelled in the Army's annual Phillip A. Connelly cooking competition when evaluated in July, 2019. The culinary specialists were picked to compete to be named the best in the Army National Guard in March 2020.

27th Brigade Soldiers assisted the 10th Mountain Division in conducting the Expert Infantryman's Badge test at Fort Drum and three 27th Brigade Soldiers received this very hard to earn badge.

Seventy members of the brigade were reassigned to the 42nd Infantry Division for a deployment to Kuwait in 2020. The 27th Brigade Soldiers were filling important positions in the divisions organizational chart.

During 2019, 27th Brigade Soldiers and leaders began familiarizing themselves with the Army's new Combat Fitness Test. The new test replaces the version in use since the 1980s which required push-ups, sit-ups and a two mile run.

The Army Combat Fitness Test is a six-event test designed to replicate the tasks Soldiers need to conduct in combat. The new test requires specialized equipment to include weights, medicine balls, and chin-up bars.

42nd Combat Aviation Brigade

The 42nd Combat Aviation Brigade is headquartered in Latham. The headquarters is designed to provide mission command to three to four aviation battalions and aviation support battalions.

The brigade's New York Army National Guard elements had an assigned strength of 1,014 Soldiers at the end of federal fiscal year 2019: 828 enlisted Soldiers, 87 warrant officers and 99 officers.

The current commander of the 42nd Combat Aviation Brigade is Col. Michael Charnley.

Elements assigned to the 42nd Combat Aviation Brigade are:

- The 3rd Battalion, 142nd Assault

Helicopter Battalion. The battalion flies the UH-60 Black Hawk helicopter. It has companies at Army Aviation Support Facility 1 at McArthur Airport in Ronkonkoma and at Army Aviation Support Facility 3 at Albany International Airport in Latham. Another company is part of the Maine Army National Guard.

The battalion is commanded by Lt. Col. Jason Lefton.

- The 642nd Aviation Support Battalion. The aviation maintenance battalion has elements in Rochester, Farmingdale, Olean and Dunkirk. The support battalion is commanded by Lt. Col. Shawn Hatch.

The 42nd Combat Aviation Brigade exercises administrative control over the following units:

- Charlie Company of the 1st Battalion 171st General Support Aviation Battalion. This is a medical evacuation helicopter unit which flies UH-60 Black Hawk helicopters which can be configured to carry stretchers and employ personnel hoists and is based at the Rochester International Airport.

- Detachment 1, Bravo Company of the 3rd Battalion, 126th Aviation. The unit flies the CH-47 heavy lift helicopter from the Rochester International

Airport. The battalion's headquarters is part of the Maryland Army National Guard. Detachments from the battalion's Delta and Echo Companies are also stationed in Rochester and part of the New York Army National Guard.

- Detachment 2, 1st Battalion, 224th Security and Support Battalion. The unit flies the UH-72 Light Utility Helicopter at Albany International Airport.

During 2019, 46 Soldiers assigned to Charlie Company, 1st Battalion, 171st General Support Aviation deployed to Afghanistan and returned. The Soldiers flew over 2,400 combat hours and supported 500 deliberate missions and executed 28 combat evacuation missions.

The 642nd Aviation Battalion was assigned the mission of conducting decontamination as part of the FEMA Region II Homeland Response Force or HRF. The 642nd Soldiers validated in this task during a November exercise a Joint Base McGuire-Dix-Lakehurst.

The 3rd Battalion, 142nd Aviation was selected as a pilot unit for the Army's new Army Combat Fitness Test. The new test incorporates six events and special equipment to replicate physical challenges Soldiers



A CH-47 flown by Soldiers assigned to Bravo Company, 3rd Battalion, 126th Aviation carries an M-777A2 howitzer to a firing site during sling load training conducted with the 1st Battalion, 258th Field Artillery at Fort Drum on July 27, 2019.

will be expected to handle in combat, as opposed to the three event Army Physical Fitness Test built around push-ups, sit-ups and a two mile run. The experiences of the unit will be used as the Army implements this program over the next two years.

During 2019 the brigade headquarters provided an aviation planning cell for operations Vibrant Response, Liberty Hunter and the 27th Infantry Brigade Combat Team Warfighter Exercise.

The brigade also sent Soldiers to the Joint Readiness Training Center at Fort Polk, Louisiana to act as observer/controllers during training exercises.

During 2019 the brigade fielded a new version of the Army's Aviation Mission Planning System for its computers and also upgraded its Command Post of the Future Software.

The 3rd Battalion, 142nd Aviation was also selected to upgrade to the UH-60M series Black Hawk helicopter. The newest version of the UH-60 features a "glass cockpit" with fly-by-wire avionics and upgraded engines and rotor blades that result in faster climb rates than previous UH-60 models. The newer version of the UH-60 can also carry 1,000 more pounds of cargo beneath the helicopter.

53rd Troop Command

The 53rd Troop Command is an administrative headquarters located at Camp Smith Training Site in Cortlandt Manor, N.Y. and has command over a number of support and combat service support units in the New York Army National Guard.

The headquarters of the 53rd Troop Command is also responsible for operations in the Hudson Valley during state emergencies.

The 53rd Troop Command is commanded by Brig. Gen. Jack James. At the end of federal fiscal year 2019 the strength of the command was 4046: 3,629 enlisted Soldiers, 49 warrant officers, and 345 officers.

The major commands of the 53rd Troop Command are the 153rd Troop Command, based at the Connecticut Avenue Armory in Buffalo and the 369th Sustainment Brigade, head-

quartered at the Fifth Avenue Armory in Harlem, New York.

The 53rd is also responsible for:

- The 53rd Digital Liaison Detachment, a small unit of officers and non-commissioned officers who are trained to work in operations at corps and army level commands. The 53rd DLD is commanded by Col. Todd Bookless.

The 53rd Digital Liaison Detachment deployed to Army's Grafenwoehr Training Area in Germany in support of Exercise Dynamic Front 19, a multinational training exercise. The exercise involved 1,700 American personnel and 1,500 from other NATO nations.

- US Army Cyber Protection Team 173, a joint New York and New Jersey Army National Guard entity that focuses on defending U.S. computer networks against intrusion. The team is commanded by Lt. Col. Steven P. Perry Jr.

During 2019, 25 Soldiers completed a one-year deployment at Fort Meade, Maryland in support of federal cyber-security efforts.

- The 138th Public Affairs Detachment.

During 2019 the 138th Public Affairs Detachment deployed to Joint



Soldiers assigned to Alpha Company, 1st Battalion, 69th Infantry conduct marksmanship training at Camp Santiago, Puerto Rico on April 13, 2019.

Multinational Readiness Center in Hohenfels, Germany for three weeks in September to support the garrison at that location.

- The 138th Chaplain Support Team.

The 53rd Troop Command also runs the annual Adjutant Generals Match shooting competition at Camp Smith.

153rd Troop Command

The 153rd Troop Command is headquartered at the Connecticut Street Armory in Buffalo. The 153rd Troop Command is responsible for support and combat service support units



Soldiers assigned to Headquarters and Headquarters Battery, 1st Battalion, 258th Field Artillery Regiment and Bravo Company, 3rd Battalion, 126th Aviation Regiment, extract simulated casualties from a CH-47 Chinook helicopter during a mass casualty exercise at Fort Drum, N.Y., July 29th, 2019. The training enabled the Soldiers to gain experience in loading casualties onto CH-47s.

located at armories in Western New York, Central New York, the Southern Tier, the North Country and the Capital Region.

The units of the 153rd Troop Command had a strength of 1,645 Soldiers at the end of federal fiscal year 2019: 1,487 enlisted Soldiers, 12 warrant officers and 146 officers.

The commander is Col. Michael Fowler.

The major elements of the 153rd Troop Command are:

- The 102nd Military Police Battalion in Auburn with elements in Rochester, Hornell, Buffalo, Latham, and Utica. The commander is Lt. Col. Monique Foster.

The subunits of the 102nd Military Police Battalion are:

- 222nd MP Company
- 105th MP Company
- 206th MP Company

- The 204th Engineer Battalion which is headquartered in Binghamton with elements in Kingston, Camp Smith Training site, Buffalo, Horseheads and Walton. The commander is Lt. Col. Wing Yu.

The subunits of the 204th Engineer Company are:

- 204th Forward Support Company

- 1156th Engineer Company
- 153rd Engineer Company
- 827th Engineer Company
- The 501st Ordnance Battalion (Explosive Ordnance Disposal) which is headquartered at Glenville. The battalion commander is Lt. Col. Douglas Baker.

The subunits of the 501st Ordnance Battalion are:

- 1108th Ordnance Company (Explosive Ordnance Disposal)
- 1427th Medium Truck Company
- 466th Area Medical Company

During 2019, 45 members of the 204th Engineer Battalion conducted Innovative Readiness Training in Haleiwa, Hawaii. The battalion sent rotations of 22 and 23 engineers to Hawaii to construct a science, technology, engineering, and math building at Girl Scout Camp Paumalu there.

The Soldiers got a chance to sharpen their construction skills and the Girls Scouts benefitted from the new camp facility. The New York National Guard engineers were one of several military units to participate in the project construction.

The 1108th Ordnance Company (Explosive Ordnance Disposal) of the

501st Ordnance Battalion sent 10 soldiers to Rwanda in September to conduct training for Rwanda Soldiers in improvised explosive device threats and awareness. The battalion sent two Soldiers to Brazil to provide a capabilities briefing to the Brazilian military.

Another four members of the 501st Ordnance Battalion deployed to New York City in September to provide bomb disposal backup to members of the U.S. Secret Service providing VIP protection at the annual United Nations General Assembly meeting.

Forty-five members of the 102nd Military Police Battalion conducted their Annual Training at the military's Midwest Joint Regional Correctional Facility in Leavenworth, Kansas. The Guard MPs worked alongside the active Army's 705th Military Police Battalion inside the facility.

Members of the 206th Military Police Company participated in a rotation at the Army's Joint Readiness Training Center at Fort Polk, Louisiana with the 86th Infantry Brigade Combat Team from the Vermont National Guard. The center is the Army's premier training site for light infantry units.

The 152nd Engineer Company also took part in a Joint Readiness Training Center rotation in 2019. They were part of a deployment of Louisiana Army National Guard Soldiers.

The 827th Engineer Company and the 1156th Engineer Company constructed a needed gravel road at Fort Drum during their training in May.

Soldiers from the 153rd Troop Command also took part in state weather emergency missions in January and November and assisted with sand-bagging efforts to control flooding along Lake Ontario.

The 369th Sustainment Brigade

Headquartered in the historic Fifth Avenue Armory in Harlem, the 369th Sustainment Brigade is a logistics headquarters capable of controlling three to five logistics battalions and other subunits.

The 369th traces its history back to the New York National Guard's all-African American 369th Infantry in



Army Pfc. Tyler Mack, an intelligence analyst assigned to the 501st Ordnance Battalion (Explosive Ordnance Disposal), tapes two blocks of C4 plastic explosives to a 40-pound cratering charge during demolition training at Fort Drum, N.Y., July 18, 2019. Soldiers received instructional displays from qualified EOD technicians on the proper ordnance setup for the demolition of explosives.

World War I which became famous as the Harlem Hell Fighters.

The brigade's current commander is Col. Seth Morgulas.

The brigade's assigned strength at the end of federal fiscal year 2019 was 2,295: 2,105 enlisted Soldiers, 24 warrant officers, and 166 officers.

The 369th Sustainment Brigade consists of the following units:

- The 369th Brigade Special Troops Battalion commanded by Lt. Col. Tod Balog which has elements in New York City, Peekskill and Farmingdale. Under the command of the 369th Brigade Special Troops Battalion are:
 - o Headquarters and Headquarters Company, 369th Brigade Special Troops Battalion;
 - o 187th Signal Support Company, Farmingdale;
 - o 145th Support Maintenance Company, Staten Island;
 - o 133rd Composite Supply Company, Fort Hamilton, Brooklyn;
 - o 719th Transportation Company, Camp Smith;
 - o 1569th Transportation Company, New Windsor;
 - o 27th Finance Management Support Unit, Whitestone Armory

During 2019 the 27th Finance commanded by Major Sara Jean Mitchell was deployed to Afghanistan with 37 Soldiers.

- The 101st Expeditionary Signal Battalion, commanded Lt., Col. Ian Seagriff, which is headquartered in Yonkers with elements in Peekskill and Orangeburg. The battalion—with three subordinate companies – provides theater wide satellite communications.

When 2019 opened 300 Soldiers of the battalion were deployed in Kuwait. The Soldiers redeployed to Fort Hood, Texas on January 25 and returned to New York at the end of January, 2019.

- The 104th Military Police Battalion, headquartered in Kingston with elements in Queens, Camp Smith and Fort Hamilton, Brooklyn and commanded by Lt. Col. Marshall Hunt. The battalion's sub-elements include:

- o The 442nd Military Police Company
- o The 727 Military Police Detachment
- o The 107th Military Police Company
- o The 222nd Chemical Company

During May 2019, Headquarters and Headquarters Company of the 369th Sustainment Brigade participated in exercise Vibrant Response/ Guardian Response as part of CBRN (Chemical Biological Radiological Nuclear) Response Element Bravo or C2CRE Bravo. The element is comprised of units from Michigan, Illinois, Mississippi and New York with the headquarters of the 369th takes with service as the Task Force Operations element, controlling the 507th Engineer Battalion which conducted search and rescue, extraction, decontamination and medical triage.

The exercise took place at the Muscatatuck Urban Training Center in Indiana.

The 133rd Composite Supply Company also participated in Guardian Response, reporting to Task Force Logistics controlled by the New Jersey National Guard. The company was the lead unit in water purification, distribution and field services.

The 145th Support Maintenance Company conducted two weeks of training at the Sustainment Support Center in Iowa in February 2019.

The 14th Financial Management Support Detachment of the 27th Financial Management Support Unit participated in exercise Diamond Saber at Fort McCoy, Wisconsin in June of 2019. The multi-component exercise allowed the New York National Guard finance Soldiers to work with the Financial Management Support Center during the exercise.

During 2019, the 369th was fielded several new systems.

The 133rd Composite Supply Company received the Petroleum Quality Analysis System, which is a mobile fuel testing, analysis and certification lab for use by Army units.

The 222nd Chemical Company received the CBRN Dismounted Reconnaissance set which provides detection and identification of hazardous materials and chemical and biological

weapons by detecting volatile organic compounds and toxic chemicals.

The brigade headquarters and the battalion headquarters were fielded Command Post of the Future computer systems during the year. These computer systems allow commanders and staffs to visualize the battlefield and plan missions through reporting on critical resources and events.

Joint Force Headquarters

The New York Army National Guard Joint Force Headquarters includes a number of special units that do not fall under the control of the 42nd Infantry Division or the 53rd Troop Command.

At the end of federal fiscal year 2019, Joint Force Headquarters reported a strength of 838: 587 Enlisted Soldiers, 45 Warrant Officers and 206 officers.

The elements in Joint Force Headquarters include:

- The 106th Regional Training Institute based at Camp Smith Training Site which conducts military occupational skills training and leadership training. The commander is Col. Diane Armbruster.
- Recruiting and Retention Battalion, which operates across the state to enlist Soldiers into New York Army National Guard units. The commander is Lt. Col. Brian Hyer.
- New York Army National Guard Medical Command, which conducts medical readiness missions at locations across the state. The commander is Col. Michael Green.
- Camp Smith Training Site Garrison which manages the ranges and training areas at Camp Smith in Cortlandt Manor. The commander is Lt. Col. Michael Gieraltowski.
- The New York National Guard Counterdrug Task Force, which provides National Guard assistance to law enforcement in the form of support from trained personnel, military equipment and helicopter support. The task force also assists local anti-drug groups. The New York National Guard Counterdrug Task Force is commanded by Col. Robert Epp.
- Headquarters and Headquarters Detachment which is responsible for the Army National Guard personnel

assigned to Joint Force Headquarters. The detachment is commanded by Major Amy Crouse.

- The 2nd Weapons of Mass Destruction Civil Support Team, at Stratton Air National Guard Base and commanded by Lt. Col. John Sandefur.
- The 24th Weapons of Mass Destruction Civil Support Team, at Fort Hamilton in Brooklyn and commanded by Lt. Col. Andrew Couchman.
- Detachment 5 Company C, 2nd Battalion, 245th Aviation Regiment.
- 1025th Judge Advocate General Detachment.
- 1076th Judge Advocate General Detachment.

The 106th Infantry Regiment, Regional Training Institute

The 106th Infantry, Regional Training Institute is headquartered at Camp Smith Training Site. The 106th conducts training classes to award Soldiers the infantry Military Occupational Specialty (MOS) as well as specialist courses.

At the end of federal fiscal year 2019 there were 81 personnel assigned to the unit: 71 enlisted Soldiers and 10 officers.

Training by the 106th RTI includes:

- A 21-day basic Infantry MOS (11B10) course ;
- A 15-day Advanced Infantry MOS (11B 20/30) course designed for infantry staff sergeants;
- A 10-day small unmanned aircraft operator course which prepares Soldiers to operate the Raven handheld model-airplane life surveillance aircraft;
- A five-day Maneuver Tactics Foundation Course for infantry and Officer Candidate School instructors ;
- A five-day Combatives (hand-to-hand combat) Level I Training Course, and a 10-day Combatives Level II training course;
- A 10-day Common Faculty Development Instructor Course for military instructors;
- The five day Tactical Athlete Course, a physical fitness development course aimed at helping Soldiers improve their fitness;

- The 15-day Future Leader Course which develops young Soldiers earmarked as future non-commissioned officers;
- A Pre-Officer Candidate School and Officer Candidate School, taught in conjunction with the Connecticut National Guard, which results in Soldiers being commissioned as a 2nd lieutenant in the Army;
- A 6-day Medic (MOS 68W) sustainment training class;
- GSA (government) Bus Driver Training;
- Tactical Vehicle (driver) Training Course which awards the driver (MOS 88M) skill;
- A Combat Lifesaver Course which prepares Soldiers to render immediate first aid in an emergency;
- The Individual Faculty Instruction Course class, which provides basic instruction training for military personnel. A version of the class is also taught to members of the New York Fire Department.

The 106th RTI is broken down into two battalions. The 1st Battalion teaches the combat arms related courses – the infantry MOS producing classes, the Raven operators course, combatives and the Maneuver Foundation Course. The 2nd Battalion

teaches the other classes.

In federal fiscal year 2019, the 1st Battalion graduated 64 Soldiers from those training programs. The 2nd Battalion, meanwhile trained 434 Soldiers and 129 firefighters and other civilians.

New Equipment

New equipment with significant new capabilities was fielded in New York Army National Guard formations in 2019.

The 152nd Brigade Engineer Battalion was provided with a number of new systems during 2019. This included:

- The M160 Remote Controlled Mine Clearance System, a vehicle which can be used by a remote operator to clear mines from roads using a system of spinning chains known as a flail, and also remove debris using a small front-end loader. The system is specially designed for urban areas.
- The M161 Explosive Hazard Pre-Detonation Debris Blower, a system that uses high pressure air to clear debris from routes and expose improvised explosive devices.
- Four new and improved Shadow 2 tactical unmanned aircraft that allow the use of full-motion video to detect the enemy while also service as a re-



Army Pfc. Anthony Allen, a carpentry and masonry specialist assigned to the 1156th Engineer Company, operates a chainsaw to cut a downed tree during an Innovative Readiness Training (IRT) mission at Camp Paumalu, Haleiwa, Hawaii, July 31, 2019.

Annual Training

Unit	Start	End	# Days	Major At Site
HHD 153RD TRP CMD	10/1/2018	9/30/2019	15	Year Round Training
HHD 53D TRP CMD	10/1/2018	9/30/2019	15	Year Round Training
HHD JFHQ-NY	10/1/2018	9/30/2019	15	Year Round Training
HQ 106TH REGIMENT (RTI)	10/1/2018	9/30/2019	15	Year Round Training
HHD, R&R BN	10/1/2018	9/30/2019	15	Year Round Training
CAMP SMITH TRAINING SITE	10/1/2018	9/30/2019	15	Year Round Training
138TH CHAPLAIN SPT	10/1/2018	9/30/2019	15	Year Round Training
CO C 1ST BN, 171ST AVN REG (AIR AMB)	10/20/2018	11/3/2018	15	CAMP SMITH
DET 1 MIL INTEL CO D 152 BEB	11/3/2018	11/17/2018	15	CAMP ROBERTS
53 SPT DET, DIGITAL LIAISON DET (ASCC)	2/21/2019	3/11/2019	19	GRAFENWOEHR, FRG
145TH MAINTENANCE CO	2/9/2019	2/23/2019	15	CAMP DODGE
HHD JFHQ-NY	3/14/2019	3/22/2019	9	CAMP SMITH
4TH FIN DET	3/31/2019	4/14/2019	15	CAMP SMITH
27TH FIN CO	3/31/2019	4/14/2019	15	CAMP SMITH
NY MEDICAL DET	3/8/2019	3/10/2019	3	CAMP SMITH
NY MEDICAL DET	3/8/2019	3/10/2019	3	FORT DRUM
206th MP CO	4/29/2019	5/26/2019	22	FORT POLK
NY MEDICAL DET	4/5/2019	4/7/2019	3	CAMP SMITH
HHC 369TH STB	5/2/2019	5/16/2019	15	CAMP ATTERBURY
CO B 2-108TH INFANTRY	5/26/2019	6/9/2019	15	SANTO DOMINGO, DR
CO A (DISTRO) 427TH BSB	5/4/2019	5/18/2019	15	CAMP DODGE
CO B (MAINT) 427TH BSB	5/4/2019	5/18/2019	15	CAMP DODGE
CO C (MED) 427TH BSB	5/4/2019	5/18/2019	15	CAMP DODGE
CO E (FSC BEB) 427TH BSB	5/4/2019	5/18/2019	15	CAMP DODGE
1156TH (-) EN CO VERT	5/4/2019	5/18/2019	15	CAMP SMITH
204TH EN BN	5/4/2019	5/18/2019	15	FORT INDIANTOWN
133RD QM SUPPLY CO	5/6/2019	5/21/2019	16	CAMP ATTERBURY
10TH MOUNTAIN DIVISION MCP-OD	6/1/2019	6/15/2019	15	FORT DRUM
466th MEDICAL CO AREA SUPPORT	6/12/2019	6/26/2019	15	FORT POLK
14TH FIN DET	6/17/2019	7/1/2019	15	FORT MCCOY
27TH FIN CO	6/17/2019	6/26/2019	10	WHITESTONE ARMORY
152D EN SPT CO	6/6/2019	6/30/2019	22	FORT POLK

transmission site to extend the range of tactical radio communications.

- New chemical, biological, radiological and nuclear detection sets composed of handheld, man-portable detectors to identify potential weapons of mass destruction.

- M153 Common Remotely Operated Weapon Station (CROWS) system which allow machine guns and grenade launchers mounted on a vehicle to be operated from inside.

The 1st Battalion, 258th Field Artillery was fielded:

- The Rocket, Artillery, Mortar Warn-

ing System (RAM WARN) which integrates with the systems already used by the battalion to detecting incoming indirect fire to increase warning times.

- Four AN/TPQ-50 radar systems which improve the ability to locate the source of incoming artillery, mortar and rocket fire to execute counterbattery attacks more quickly.

- The AN/TPQ-53 radar system which also provides enhanced performance in detecting the location of enemy artillery, mortars and rockets. This system has improved mobility over older radars. The system can also be used to detect drone aircraft.

Other brigade units received new systems as well, these included:

- The M41A7 Improved Target Acquisition System which improves the ability of the Army's Tube-launched, Optically-tracked, Wire-guided (TOW) anti-armor system to acquire targets at ranges of over 4 kilometers. The system has fewer components than older, less capable systems.

- The M8E1 Chemical, Biological Protective Shelter that provides a portable area that is proof against chemical and biological agents and can provide medical treatment areas.



Unit	Start	End	# Days	Major At Site
37TH FIN DET	6/9/2019	6/23/2019	15	LATHAM
CO G (FSC INF) 427TH BSB	7/12/2019	7/26/2019	15	FORT DRUM
2-108 INFANTRY	7/12/2019	7/26/2019	15	FORT DRUM
DET 1 222D MILITARY POLICE CO	7/13/2019	7/27/2019	15	FORT DIX
222D MILITARY POLICE CO (-)	7/13/2019	7/27/2019	15	FORT DIX
HHC 102ND MILITARY POLICE BN	7/13/2019	7/27/2019	15	FORT DIX
105th MP CO	7/13/2019	7/27/2019	15	FORT DIX
HHC 102ND MILITARY POLICE BN	7/13/2019	7/27/2019	15	FORT LEAVENWORTH
37TH FIN DET	7/14/2019	7/28/2019	15	LATHAM
642D SUPPORT BN (AVN)	7/18/2019	8/1/2019	15	FORT INDIANTOWN GAP
CO B 3-126TH AVIATION	7/18/2019	8/1/2019	15	FORT INDIANTOWN GAP
42d ID	7/19/2019	8/2/2019	15	FORT DRUM
HHC 27th INF (BCT)	7/19/2019	8/2/2019	15	FORT DRUM
1-69TH INFANTRY	7/19/2019	8/2/2019	15	FORT DRUM
2-101 CAV (RSTA)	7/19/2019	8/2/2019	15	FORT DRUM
152 BDE ENGINEER BN BEB	7/19/2019	8/2/2019	15	FORT DRUM
CO D (FSC RSTA) 427TH BSB	7/19/2019	8/2/2019	15	FORT DRUM
CO H (FSC INF) 427TH BSB	7/19/2019	8/2/2019	15	FORT DRUM
HHC 427 BSB	7/19/2019	8/2/2019	15	FORT DRUM
1-258TH FIELD ARTILLERY	7/20/2019	8/3/2019	15	FORT DRUM
CO F (FSC FA) 427TH BSB	7/20/2019	8/3/2019	15	FORT DRUM
HHC 42ND CAB	7/21/2019	8/4/2019	15	FORT INDIANTOWN GAP
3-142D AVIATION	7/21/2019	8/4/2019	15	FORT INDIANTOWN GAP
DET 2 CO A 1-224 AVN S&S BN	7/21/2019	8/5/2019	16	FORT INDIANTOWN GAP
7TH FIN DET	7/28/2019	8/11/2019	15	LATHAM
1108th ORDNANCE CO EOD	7/7/2019	7/21/2019	15	FORT DRUM
1427th TRANS CO	7/7/2019	7/21/2019	15	FORT DRUM
HHD 501ST ORDNANCE BN EOD	7/7/2019	7/21/2019	15	FORT DRUM
HHD, R&R BN	7/8/2019	7/15/2019	8	CAMP SMITH
A CO 642D SUPPORT BN (AVN)	7/8/2019	7/22/2019	15	NIAGARA FALLS
HHD 104TH MILITARY POLICE BN	8/10/2019	8/24/2019	15	FORT DRUM
442D MILITARY POLICE CO	8/10/2019	8/24/2019	15	FORT DRUM
222D CHEMICAL COMPANY	8/11/2019	8/25/2019	15	FORT DRUM
1108th ORDNANCE CO EOD	8/14/2019	8/29/2019	16	KIGALI , RWANDA
107th MILITARY POLICE CO	8/17/2019	8/22/2019	6	FORT DRUM
7TH FIN DET	8/18/2019	9/1/2019	15	LATHAM
107th MILITARY POLICE CO	8/2/2019	8/16/2019	15	FORT DRUM
HHC 369TH STB	8/3/2019	8/17/2019	15	CAMP EDWARDS
187 SIG CO	8/3/2019	8/17/2019	15	CAMP EDWARDS
719 TRANS CO (-) (MDM TRK CGO)	8/3/2019	8/17/2019	15	CAMP EDWARDS
1569th TRANSPORTATION CO	8/3/2019	8/17/2019	15	CAMP EDWARDS
727 MP L&O	8/3/2019	8/17/2019	15	CAMP SMITH
CO D 1-69TH INFANTRY	8/3/2019	8/17/2019	15	FORT DIX, NJ
222D CHEMICAL COMPANY	8/5/2019	8/10/2019	6	FORT DRUM
138th PUBLIC AFFAIRS DET.	9/13/2019	9/30/2019	18	HOHENFELS, FRG
NY MEDICAL DET	9/6/2019	9/11/2019	6	CAMP SMITH

Army National Guard Aviation

The New York Army National Guard operates a fleet of 30 helicopters, one C-12 seven-passenger fixed wing aircraft, and four RQ-7BV2 Shadow unmanned aerial vehicles.

In federal fiscal year 2019 the New York Army National Guard aviators executed a \$2.1 million flying hour budget of approximately 4,800 flying hours. During FY 2019, New York Army Aviation met a 66 per cent fully mission capable rate for its aircraft.

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

Six are flown by Charlie Company, 1st Battalion, 171st General Support Aviation Battalion. These aircraft are configured as air ambulance helicopters, capable of holding stretchers and carrying a flight medic. They are also equipped with hoists systems for

medical evacuation.

This unit is based at the Army Aviation Support Facility #2 at Rochester International Airport. During 2019, 46 Soldiers from the company deployed to Afghanistan.

The company provided medical evacuation and personnel recovery for coalition units training and advised the Afghan Army and police in the south, southwest and western areas of Afghanistan. This covers about half the country.

The Soldiers flew over 2,400 combat hours and supported 500 deliberate missions and executed 28 combat evacuation missions.

The Soldiers in the company were awarded 108 Air Medals with the C-for combat-identifier. The Soldiers also earned 50 Army Commendation Medals, two Meritorious Service Med-

als and a Bronze Star.

The remaining UH-60s are flown by the 3rd Battalion, 142nd Assault Helicopter Battalion. The UH-60s are assigned to Alpha Company, which is based at Army Aviation Support Facility #3 at Albany International Airport; and Bravo Company, located at Army Aviation Support Facility #1 at McArthur Airport in Ronkonkoma.

During 2019 the UH-60s assigned to the battalion received upgraded communications capabilities. They were outfitted with the Technisonic TDFM 9000 multiband radio system, which allows them to communicate in the civilian first responder frequency range. This will ensure better communications between New York Army National Guard aircrews and civilian first responders on the ground during emergencies.



Soldiers assigned to Headquarters and Headquarters Battery, 1st Battalion, 258th Field Artillery Regiment board a CH-47 Chinook helicopter assigned to Bravo Company, 3rd Battalion, 126th Aviation Regiment, during a mass casualty exercise at Fort Drum, N.Y., July 29th, 2019. The training enabled the Soldiers to gain experience in loading casualties onto CH-47s.

There are six CH-47F heavy lift Chinook helicopters based at Army Aviation Support Facility #2 that are flown by Detachment 1, Company B, 3rd Battalion, 126th Aviation. These aircraft can carry a heavier load than the UH-60s and provide New York with a significant airlift capability. During August 2019 the detachment provided one CH-47 to serve as a jumping platform during the annual Leapfest International Military Parachuting competition sponsored by the Rhode Island National Guard in Kingston, Rhode Island.

In January 2019, Bravo Company conducted training with Charlie Troop of the 2nd Squadron, 101st Cavalry. The New York National Guard cavalrymen trained aircraft infiltration techniques during cold weather training at the Youngstown Training Site.

CH-47 aircrews also supported training conducted by the New York National Guard Weapons of Mass Destruction Civil Support Teams 2 and 24 during training at Hamilton College. Equipment and personnel for a Civil Support Team "strike team" was loaded onto a CH-47 and deployed directly to the college.

Two UH-72 Lakota light utility helicopters are flown by Detachment 2, Alpha Company, 1st Battalion, 224th Aviation Regiment. The aircrafts are based at Army Aviation Support Facility #3 and are dedicated to homeland response missions.

The UH-72s are configured with forward looking infrared radar systems and hoists which allow them to be used for search and rescue missions. They are also used to support New York National Guard Counterdrug Task Force missions in support of local and state law enforcement agencies.

The C-12 is flown by Detachment 5, Company C of the 2nd Battalion 245th Aviation Regiment. The C-12, a military version of the Beechcraft King Air 200 turboprop, can be used to fly passengers and carry priority cargo.

Eight members of the unit deployed to Kuwait in November 2018 and returned from the deployment in August 2019. During their deployment they accumulate 1,356 flight hours moving priority passengers and cargo throughout the U.S. Central



Two UH-60 Black Hawk Helicopters assigned to the 3rd Battalion, 142nd Aviation Regiment approach a landing zone at the Saratoga National Historic Park, Schuylerville, N.Y., on Aug. 14, 2019. New York Army National Guard Soldiers arrived as part of a leaders analysis of the Saratoga Revolutionary War battlefield, part of their training with the commander's career course.

Command area of operations, which included Afghanistan and Iraq.

The four RQ-7B Shadow aircraft's are operated by Detachment 1, Delta Company of the 152nd Brigade Engineer Battalion and based at the Army Aviation Support Facility in Rochester. The RQ-7s provide reconnaissance support to the 27th Infantry Brigade Combat Team.

During 2019 the detachment was equipped with the latest version of the Shadow, which is larger and allows the aircraft to remain on station longer. The software program used to

operate the aircraft was also upgraded to the latest version.

A hanger facility for the RQ-7Bs was constructed at Fort Drum, which will allow the aircraft to be stored there. This will result in more flight training hours for the RQ-7B crews since they will not have to spend time transporting aircrew from their armory and preparing them for launch.

During federal fiscal year 2019, the 19 Soldiers assigned to the detachment conducted 231 hours of flight training. This included 132 simulator hours and 99 hours of flight time.



Soldiers assigned to Alpha and Bravo Companies, 3rd Battalion, 142nd Aviation Regiment, headquartered in Ronkonkoma, N.Y., participate in aerial gunnery at Fort Drum, N.Y., July 24, 2019. The Soldiers carried out the training during their two weeks of annual training, which included day and night portions.

New York Air National Guard

The New York Air National Guard consists of five flying wings, the Eastern Air Defense Sector which includes the 224th Air Defense Group, and the 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. The other reserve component is the Air Force Reserve.

With an assigned strength of 5,614 and an authorized strength of 5,840 at the end of fiscal year 2019, the New York Air National Guard is the largest State Air National Guard Component in the United States.

A total of 1,226 members of the New York Air National Guard were full-time members of the Air National Guard.

In 2019 the New York Air National

Aircraft.

The Commander of the New York Air National Guard is Maj. Gen. Timothy Labarge. Command Chief Master Sgt. Maureen Dooley is the senior enlisted Airman for the New York Air National Guard.

105th Airlift Wing

The 105th Airlift Wing is based at Stewart Air National Guard Base in Newburgh and operates nine C-17 Globemaster III strategic airlifters.

The wing continually deploys aircraft and aircrews to supply United States forces around the world under the control of the Air Force Air Mobility Command. In 2019 the 105th Airlift Wing was awarded the United States Air Force Outstanding Unit of the Year award.

moved 11,748,917 pounds of cargo and transported 6,241 passengers during 339 separate missions.

The 105th Airlift Wing is commanded by Col. Denise M. Donnell.

The wing is also the host to the Marine Corps Reserve's Aerial Refueler Transport Squadron 452. VMGR-452 operates 13 KC-130T cargo/refueler aircraft and has 650 Marines assigned.

During 2019, 205 members of the wing deployed overseas to 14 different countries, including Antarctica.

Wing members also participated in some unique training opportunities during 2019.

Eight members of the wing force support squadron deployed to Hawaii to assist in the construction of a science, technology, engineering and math building at the Paumalu Girl Scout Camp as part of the Department of Defense Innovative Readiness Training Program. The Airmen prepared meals for Army engineers and Air Force civil engineers who were doing the actual work using a Disaster Response Mobile Kitchen Trailer. They served more than 20,000 meals during the two week mission.

Seven members of the force support squadron performed a similar mission at the Department Of Homeland Security and Emergency Services training facility in Oriskany during September of 2019. The team employed the Disaster Response Mobile Kitchen Trailer and prepared 5,000 meals for New York Army and Air Guard personnel training as members of the FEMA Region II Homeland Response Force.

Forty-seven Airmen assigned to the 105th Maintenance Group deployed to Joint Base Elmendorf-Richardson in Alaska in July. The Guard maintainers worked alongside members of the 176th Maintenance Group to hone their skills.

The 105th Logistics Readiness Squadron sent 18 Airmen who run its air terminal operation to the same location in August for training with the



The 109th Airlift Wing's base honor guard present the colors during Air National Guard Day 2019 at Penn Station in New York City May 17, 2019. New York City officials drafted a proclamation declaring ANG Day 2019 in order to recognize and support the Air National Guard's mission.

Guard operated nine HH-60 Pave Hawk search and rescue helicopters, four HC-130 Hercules search and rescue planes, nine 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

At the end of federal fiscal year 2019 the wing had a strength of 1,322: 1,160 enlisted Airmen, and 162 officers.

During federal fiscal year 2019 the wing conducted 1,091 sorties for a total of 3,961 flying hours. The wing

active Air Force's 732nd Air Mobility Squadron. The Airmen from the 105th supported 44 airlift missions; handling 215 tons of cargo and processing 145 passengers during their annual training mission.

The 105th Base Defense Squadron spent a week of their annual training period at Camp Smith Training Site focusing on marksmanship training. The 160 Airmen conducted tactical training as well as weapons firing. Airmen qualified on the M249 and M240B machine guns at Joint Base McGuire-Dix-Lakehurst.

The 105th Airlift Wing took part in the New York National Guard's new State Partnership Program with Brazil by conducting two missions to Brazil, one in November and one in December and moved 100 passengers and 141,693 pounds of cargo.

Wing Airmen took part in three domestic support missions in 2019. Thirty-six Airmen took part in state active duty missions during this period.

In January, the wing mobilized Airmen to support storm response in the Hudson Valley. In the spring and summer, 105th Airmen assisted in missions designed to control flooding along Lake Ontario.

In November wing airmen were part of the New York National Guard response to Herkimer County follow-

ing heavy flooding there. The wing deployed a 20-Airmen initial response force and eight person debris clearance team. These airmen conducted missions in Whitesboro and Dolgeville.

In December, wing Airmen responded to a snowstorm that hit on Dec. 1-2 and helped clear snow from fire hydrants in Columbia County.

The 105th Airlift Wing provides the medical team that is part of the joint New York/New Jersey Homeland Response Force for FEMA Region II. The Homeland Response Force, or HRF, is a National Guard force designed to replace first responders at terrorist attack or hazardous materials accident locations.

In 2019 the team took part in the National Guard's Vigilant Guard domestic response exercise in August in Ohio. The team also participated in an external evaluation exercise at the New York State Division of Homeland Security and Emergency Services training center in Oriskany in November and was rated trained.

The medical team also had personnel on standby during the United Nations General Assembly meeting in New York City in September 2019.

105th Airlift Wing personnel maintain and man one of the New York National Guard's Joint Incident Site Commu-

nications Capability (JISCC) systems which allow civilian first responders and military forces to communicate with each other.

The JISCC team took part in five major training events during the year.

The 105th Airlift Wing conducted a robust program of emergency management training and exercises during 2019.

The wing took part in joint CBRN (Chemical, Biological, Radiological, and Nuclear) training with the 109th Airlift Wing in which 150 personnel were trained in CBRN defense. The wing trained an additional 605 personnel in CBRN defense as well.

The wing conducted training exercises with the New York National Guard's 2nd and 24th Civil Support Teams and took part in a state exercise for first responders at Fort Hamilton in Brooklyn.

The 105th Airlift Wing fire department and emergency services conducted 230 responses during 2019. The fire department also provides coverage to Stewart International Airport.

These responses included 10 mutual aid responses to help local community fire departments, eight inflight emergency responses, 15 medical emergencies and 48 facility and building inspections.

Twenty military members of the fire



Members of the 109th Airlift Wing load cargo onto an LC-130 ski equipped aircraft at McMurdo Station, Antarctica on December 28, 2018. The 109th Airlift Wing provided aviation support to U.S. Antarctic research mission of the National Science Foundation from October 2018 to February 2019 as part of Operation Deep Freeze.



Airmen assigned to the 105th Airlift Wing participated in the 20th annual Y2Kids career fair at West Point's 2nd Aviation Detachment, New Windsor, N.Y., April 10, 2019. Employers from across the region, along with many federal, state, and local agencies, gathered to meet with local kids and explain different career options.

department – which has both full and part-time military members and civilian employees – deployed in support of combat operations in 2019.

The 105th conducts a number of outreach efforts during the year. In 2019 the wing worked with Stewart International Airport to host the New York Air Show, an event attended by approximately 70,000 people.

The wing hosted 20 community tours for 380 visitors and conducted flights for 150 ROTC cadets. The wing's Honor Guard provided military funeral honors for the families of 209 Air Force veterans during the year.

106th Rescue Wing

The 106th Rescue Wing is based at Francis S. Gabreski Air National Guard Base in Westhampton Beach, and is one of three rescue wings within the Air National Guard.

The 106th Rescue Wing is commanded by Col. Michael Bank. 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.

At the end of federal fiscal year 2019

the wing had an assigned strength of 1,065: 928 Enlisted Airmen and 137 officers.

The 106th deploys worldwide to provide combat search and rescue coverage for U.S. and allied forces. Their mission is to provide worldwide personnel recovery, combat search and rescue (CSAR) capability, expeditionary combat support, and civil search and rescue support to federal and state authorities. The 106th provides personnel recovery to the state of New York and for deployed operations they are tasked to support.

The wing flies four HC-130J "Combat King II" search and rescue aircraft and six HH-60G Pave Hawk search and rescue helicopters. The HH-60s have the ability to refuel in flight from the HC-130J which can also take on fuel in flight, extending the range of both aircraft.

The wing is also taking part in the Operational Loss Replacement (OLR) program. OLR aims to restore the helicopter fleet with some younger, recapitalized, lower flying-hour, U.S. Army UH-60L Black Hawk airframes converted into HH-60G Pave Hawks. The intention is to replace aircraft used over the past 15 years of deployed combat operations since 9/11.

The wing provides search and rescue capability domestically and overseas in peacetime and combat, training pilots, operators and maintainers for the United States Air Force and Air National Guard.

The wing is currently training to support the NASA Orion program. Orion is the next generation NASA spacecraft and the wing's Airmen will provide rescue and recovery capability in the event of an emergency. During the space shuttle program the wing supported more than 100 launches.

During 2019 106th Rescue Wing Airmen participated in three major exercises: SENTRY ALOHA in Hawaii, NORTHERN STRIKE in Michigan and ARCTIC BEAR, in Europe.

In addition, a total of 271 Airmen attended formal training schools during the fiscal year.

Finally, during 2019, the wing deployed 166 members during this past year to Afghanistan, Iraq, United Arab Emirates, Guantanamo Bay, Jordan, Kuwait, Qatar and Horn of Africa. Also, last year, the 106th Honor Guard provided military funeral honors at internment of 1,067 veterans.

The 106th Rescue Wing Operations Group is made up of three flying squadrons: the 101st, the 102nd and

the 103rd Rescue Squadrons.

The 101st Rescue Squadron operates six HH-60G Pave Hawk search and rescue helicopters. The Pave Hawk is similar to the UH-60 Black Hawk but is equipped with a rescue hoist, a greater fuel capacity, and has the ability to refuel in mid-air.

During federal fiscal year 2019 the squadron's air crews accumulated 937.4 hours of flight time.

Eight members of the 101st participated in USAF Weapons School Integration to provide CSAR forces for advanced, multi-domain, joint integration. Ten members took part in Northern Strike, joint fires, close air support and A-10 led CSAR training exercise.

The squadron also hosted the 79th Rescue Squadron out of Davis–Monthan Air Force Base in Arizona for their spin-up training providing just-in-time combat search and rescue training to prepare crews for a deployment to Operation Inherent Resolve, the military operation aimed at defeating the Islamic State terrorist group.

Forty members of the 106th were trained and 30 members of the 79th Rescue Squadron.

The 102nd Rescue Squadron operates the wing's four HC-130J search and rescue "Combat King II" aircraft. This version of the HC-130 is equipped to both take on fuel in-flight and can refuel helicopters in flight and deploy pararescue jumpers and their equipment—including boats and ATVs onto land or water.

During federal fiscal year 2019, after retiring the legacy model HC-130's and accepting the new J-models, the aircrews managed to fly 236.5 hours in a transition year for the squadron.

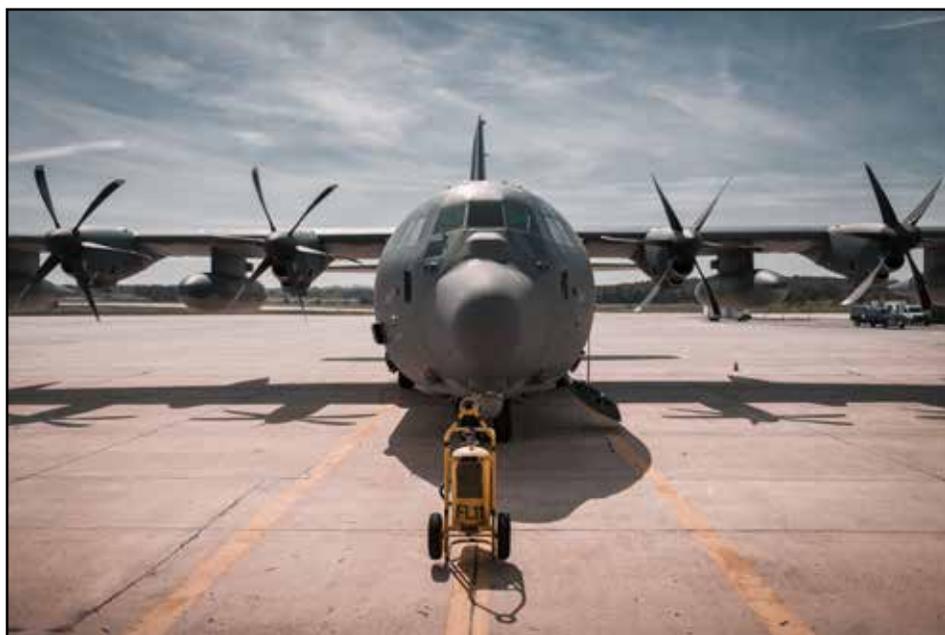
The HC-130J model version of the venerable C-130 has longer range, and more modern avionics and navigation systems than older versions of the plane, along with a state-of-the-art cockpit. The aircraft has a range of more than 5,000 miles.

Their first HC-130J—christened "The Spirit of Long Island"—arrived brand new off the assembly line on March 20, 2019.

The 102nd Rescue Squadron is the



Col. Michelle Kilgore, left, the commander of the 109th Airlift Wing, passes the guidon of the 109th Maintenance Group to Lt. Col. William Carraher, the new commander of the group during change of command ceremonies at Stratton Air National Guard Base on Sept. 7, 2019. Col. Robert Donaldson, the outgoing commander, is at right.



A HC-130J Combat King II sits on display at the 106th Rescue Wing, during a ceremony at Francis S. Gabreski Air National Guard Base, May 17, 2019. The aircraft is the first of four brand new such models from Lockheed Martin, the first time in the 106th's 72-year history to receive aircraft new from the manufacturer.

oldest flying unit in the Air National Guard and one of the oldest in the Air Force.

The squadron traces its history back to the creation of the 1st Aero Company by members of the New York



The 107th shares the base with the Air Force Reserve's 914th Air Refueling Wing.

The 107th Attack Wing's primary mission is to operate the MQ-9 Remotely Piloted Aircraft. The wing operates aircraft remotely and does not maintain any MQ-9s itself.

The wing had a strength of 706 at the end of federal fiscal year 2019: 145 officers and 561 enlisted Airmen and is commanded by Col. Gary R. Charlton II.

Two squadrons based at other locations, the 274th Air Support Operations Squadron and the 222nd Command and Control Squadron, are also part of the 107th Attack Wing.

The 274th Air Support Operations Squadron, based at Hancock Field Air National Guard Base in Syracuse, provides Joint Tactical Air Controllers who manage air assets for ground commanders. The highly trained personnel of the 274th are embedded with units on the ground to support Army and coalition units.

The 222nd Command and Control Squadron provides Air Force Space Command and the National Reconnaissance Office with personnel to support surveillance operations, space situational awareness and defense space control. The 222nd is collocated with the Eastern Air Defense Sector at Griffiss Industrial Park in Rome.

The two remote squadrons report directly to the 107th Operations Group.

The 107th Attack Wing's 107th Operations Group also oversees the 107th Operations Support Squadron and the 136th Attack Squadron which conduct the MQ-9 mission.

The 107th Operations Support Squadron is responsible for the training of intelligence, weather, communications and tactics personnel. The 136th Attack Squadron provides the sensor operators and pilots who conduct reconnaissance and attack missions.

During federal fiscal year 2019 the 136th Attack Squadron executed 464 combat sorties and flew 7,998 hours conducting these missions.

During 2019 the 222nd Command

Doctors from several Air Force and Air National Guard rescue wings and special operation squadrons took part in an Air Force Special Warfare Medical Officer training course conducted by the 106th Rescue Wing from Jan. 7 to 18, 2019.



1st Lt. Damina Townes, sustainment service officer from the 106th Rescue Wing, September 7, 2019. Townes spent four years as an enlisted Airman before her commission in August 2017.

still attending HC-130J training pipeline. Additionally, a joint exercise with the 160th Special Operations Aviation Regiment (SOAR) (Airborne), focused on Little Bird (AH-6) infiltration/exfiltration capability. A Human Space Flight exercise, demonstrated the airdrop capability of the Advanced Rescue Craft (ARC).

The 103rd Rescue Squadron consists of combat rescue officers, pararescuemen, and Survival, Evasion, Resistance and Escape (SERE) specialists.

All these Airmen train year round to rescue Department of Defense personnel, allied forces and others as directed, under any conditions, anywhere around the world. It takes almost two years of training just to qualify as a pararescueman.

During 2019, 29 Airmen deployed from the 103rd Rescue Squadron in support of operations against the Islamic State.

Eleven Airmen attended formal schools for training jumpmasters, parachute riggers, leadership and inland search and rescue skills.

107th Attack Wing

The 107th Attack Wing is headquartered at Niagara Falls Air Reserve Station in Niagara Falls, New York.

National Guard in 1908. The unit was officially recognized by the federal government in 1916. Although the company did not go to war in World War I its lineage was passed along to the 102nd Observation Squadron when that unit was created in 1922 as a component of the 27th Division.

While the squadron was focused for the entire fiscal year working through conversion, 19 members gained mission qualification in the HC-130J, 27 additional members attended or are





Lt. Col. Chris Thurn shows off a model of an MQ-9 Reaper and shares his expertise of the operations group for Vietnam veterans during a base tour of the 107th Attack Wing, Niagara Falls Air Reserve Station, N.Y., Sept. 15, 2019. Retired and former Airmen assigned to the 107th Tactical Fighter Group reunited to commemorate their return from the Republic of Vietnam more than 50 years ago.

The 274th sent an Airman to the South African Warrior Skills Competition, and the Eager Lion Joint Air Component Coordination Element training in Jordan and a Greek Air Force tactical exercise.

109th Airlift Wing

The 109th Airlift Wing is based at Stratton Air National Guard Base in Scotia, N.Y.

The wing is the only unit in the United States military that specializes in flying ski-equipped aircraft which can land on snow or ice and operate in the Polar Regions.

The LC-130s the wing flies are the largest ski-equipped aircraft in the world.

The wing supports National Science Foundation research in Antarctica and on the Greenland ice cap and also provides military support to U.S. and allied forces in the Arctic.

The wing operates 10 LC-130 “Ski Birds” and two C-130H cargo planes.

The wing is commanded by Col. Michelle Kilgore and had a strength of 1,079 at the end of fiscal year 2019: 901 enlisted Airmen and 178 officers.

During federal fiscal 2019 the wing flew a total of 788 missions accumulating 3,330.7 flying hours.

The wing moved 3,336 people and 4.5 million pounds of cargo, and delivered 342,000 gallons of fuel during this period.

During 2019, the wing completed the annual Antarctic deployment as part of Operation Deep Freeze, the Department of Defense logistics support to the United States Antarctic Program in February and embarked on the fiscal year 2020 support in October.

Operating from the U.S. McMurdo Station base the Airmen of the 109th provided five months of support from October 18, 2018 to February 19, 2019. The wing deployed 459 personnel and six LC-130s during this period.

These Airmen completed 255 missions within Antarctica and flew 2,100 researchers and support staff plus approximately 2.8 million pounds of cargo and more than 252,000 gallons of fuel to research stations across the continent. The wing flew a total of 2,042 hours in Antarctica.

The LC-130s are the key to moving people between the Amundson-Scott Station at the South Pole and McMurdo Station as well as to other locations.

During the 2018-2019 support season, scientists launched the Interna-

and Control Squadron deployed four personnel in support of Operation Freedom Sentinel –missions in Afghanistan—for 179 days.

The 274th Air Support Operations Squadron deployed 15 Airmen to locations in nine different countries on four different continents in support of missions.

The rest of the 107th Attack Wing deployed 31 personnel on overseas missions.

During 2019 the 107th Attack Wing took part in a number of significant training exercises. Forty-six Airmen deployed to Ramstein, Germany for Silver Flag, an Air Force civil engineer training mission. The mission focuses on “bedding down” personnel, conducting sustainment operations and post attack recovery.

Wing personnel also participated in Red Flag exercise in Alaska in June, Northern Strike at Camp Grayling, Michigan in July and the annual Ample Strike NATO exercise for Forward Air Controllers and Joint Terminal Air Controllers in Poland.

The 222nd Command and Control Squadron took part in Global Lightning 19, a Strategic Command exercise, as well as Austere Challenge and Neptune Eagle 19 NATO exercise at Raimstein Air Base.



Staff Sgt. Jennatte Berger, an avionics technician assigned to the 109th Airlift Wing, poses for a photo on the skis of an LC-130 Hercules “SkiBird” from her unit at the Paris Air Show, June 22, 2019. This year was the first time the any New York Air National Guard contingent participated in the Paris Air Show.

New York Air National Guard

tional Thwaites Glacier Collaboration in West Antarctica. This is a project to research one of the most unstable glaciers in Antarctica. Supporting this project required a significant logistics effort by the Airmen of the 109th.

On October 28, 2019, the wing deployed the first of five LC-130s and 500 Airmen to provide support during the 2019/2020 Antarctic research season.

During Operation Deep Freeze the wing provided transportation to Gen. Stephen Wilson, the Air Force Vice Chief of Staff, Gen. Charles Brown, the commander of the Pacific Air Forces and to Assistant Secretary of the Air Force Shon Manasco.

From April 19 to August 19 the 109th Airlift Wing provided support to National Science Foundation Greenland Research. 109th Airmen deployed for 61 days in support of this mission.

Operating from Kangerlussuaq, Greenland, the wing flew 138 missions while transporting 1,236 passengers, 1.6 million pounds of cargo, and 9,000 gallons of fuel. The wing also conducted 86 training missions in Greenland to prepare aircrews for Antarctic operations.

The wing flew a total of 547.5 hours during the Greenland missions.

During the Greenland deployment period, the 109th Airlift Wing also conducted its annual Barren Land

Survival Training camp known as "Kool Skool" in May. Twenty-eight Airmen were trained during this year's session.

In May the 109th worked with the Royal Canadian Air Force to construct a snow runway, called a skiway, on the Greenland ice cap. Two Canadian Air Force Twin Otters—a two engine ski-equipped aircraft—were used to land members of the 109th Airlift Wing and their equipment on the ice cap. The 109th Airmen then created a skiway that an LC-130 could land on.

The training tested the ability of the two countries to work together to supply elements in the high Arctic.

VIP visitors to the wing during the Greenland missions included North American Air Defense Command Commander Gen. Terrence O'Shaughnessy, Maj. Gen. Helen Pratt, the U.S. Northern Command Director of Logistics and Maj. Gen. Ray Shields, the adjutant general of New York.

From September 26 to October 4 the 109th supported the Canadian Forces annual Operation Boxtop mission to resupply Canadian Forces Station Alert.

Twenty airmen from the 109th flew seven missions to Alert to assist the Royal Canadian Air Force's 8 Wing, based in Trenton, Ontario.

The mission profile called for one

C-130 from the 109th to fly to Thule Air Base in Greenland, the northernmost installation operation by the U.S. military and then fly cargo from there to Alert.

The 109th personnel included two full crews of six Airmen, for a total of 12, and eight maintenance personnel. Those Airmen conducted seven missions over 36 flying hours and moved 100,000 pounds of cargo.

The 109th Airlift Wing carried bulk cargo that allowed the Canadian Armed Forces, which employed a C-130J and C-17 cargo plane, to focus on bringing fuel for generators and heating.

Locally, the wing flew 388 training missions, amounting to 705.2 flying hours.

The 109th Airlift Wing conducted an exchange program with the Royal Canadian Air Force's 424 Rescue Squadron during 2019. The 109th sent three C-130 maintenance personnel to work at Canadian Forces Base Trenton and the Canadians sent two Canadian mechanics to work at Stratton Air National Guard Base.

Wing personnel attended a number of military schools during the year with a total of 144 personnel graduating from officer and enlisted training schools.

The 109th Airlift Wing supported combat missions as well during 2019 with 39 Airmen deploying to the Air Force Central Command area in the Middle East as part of Air Expeditionary Forces.

The wing also took part in two major airshows during 2019.

In June the wing sent a LC-130H and aircrew to the famous Paris Air Show at the invitation of the French Government. The show is the largest in the world and the most famous.

The wing sent a plane and aircrew to the Experimental Aircraft Associations annual AirVenture Oshkosh Airshow in Oshkosh, Wisconsin in August. The show is one of the largest in the United States.

The wing also participated in the New York National Guard's new State Partnership Program with the Brazilian Armed Forces.



A C-130 assigned to the 109th Airlift Wing loads cargo at Thule Air Base, Greenland prior to a flight to Canadian Forces Station Alert on Ellsmere Island, Nunavut September 30, 2019. The New York Airmen teamed up with Royal Canadian Air Force crews to resupply Alert, the northern most permanently inhabited place in North America.



Members of the 109th Airlift Wing load cargo onto an LC-130 ski equipped aircraft at McMurdo Station, Antarctica on December 28, 2018. The 109th Airlift Wing provided aviation support to U.S. Antarctic research mission of the National Science Foundation from October 2018 to February 2019 as part of Operation Deep Freeze.



A weapons aircraft armament specialist assigned to the 174th Maintenance Squadron, inspects munitions before loading an MQ-9 Reaper during RED FLAG-Alaska 19-2, June 18, 2019, at Eielson Air Force Base, Alaska. RF-A is an annual Pacific Air Forces field training exercise for U.S. and international partners.

During 2019 the 109th Airlift Wing also responded to four New York state weather emergencies.

174th Attack Wing

Based at Hancock Field Air National Guard 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 was the first Air Force unit to fly the MQ-9 directly from a commercial airfield, in this case Hancock Field International Airport.

The 174th Attack Wing had a strength of 1,057 personnel—187 officers and 870 enlisted Airmen—at the end of federal fiscal year 2019.

The wing also includes 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 op-

In September the wing sent six Airmen to Brazil to meet with their counterparts assigned to the Brazilian Air Force's 1st Squadron, 1st Transport Group at Galeao Air Base in Rio de Janeiro. The Brazilian wing flies missions to Antarctica and the Americans and Brazilians discussed common issues.

In December the wing played host

to a meeting between the Brazilian Military Attaché, Maj. Gen. Marcio de Calazans Braga and New York National Guard leaders and U.S. Department of Defense officials at Stratton Air National Guard Base.

During a day-long meeting on Dec. 11 the Brazilians and Americans explored opportunities for training exchanges.



A weapons aircraft armament specialist assigned to the 174th Maintenance Squadron performs a check of an MQ-9 Reaper before loading weapons during RED FLAG-Alaska 19-2, June 18, 2019, at Eielson Air Force Base, Alaska.

opportunities to a host of Department of Defense assets.

Members of the wing's 138th Attack Squadron supported MQ-9 contingency operations and provided 6,616 flight hours of combat air patrols delivering intelligence, surveillance, reconnaissance and strike capability to combatant commanders in support of Operation Freedom's Sentinel in Afghanistan and Operation Inherent Resolve in Syria and Iraq.

The 108th Formal Training Unit also logged 3,208 flight hours in local flying while reaching over 50,000 training instruction hours.

The 174th Maintenance Group provided 7,547 hours of instruction to students from the Air Force, Air National Guard and allied nations. In return, the group produced 426 graduates for the Air Force and international partner nations by surpassing its goal of 225 graduates for Fiscal Year (FY) 2019. Additionally, the 174th Maintenance Group Detachment 1, stationed at Wheeler Sack Army Airfield at Fort Drum, turned over 316 sorties for multiple Department of Defense flying organizations.

Over the course of the year, the 152nd Air Operations Group (AOG) led 11 Joint & Combined exercises involving European Command, African Command and Indo-Pacific Command and continued to operate as a Total Force Enabler. As a result of their efforts, the 152nd was tasked to conduct Total Force Joint Air Component

Coordination Element Training, during which they trained and certified eight general officers and 80 field grade officers.

During FY 2019, the 174th Mission Support Group continued to defend, support and develop local flying operations, executing over \$5.2 million in military construction projects for the Flight Training Unit Active Associate expansion and SOC 1.0 upgrade. On the global deployment front, the Mission Support Group successfully deployed 134 wing personnel to Qatar, Kuwait, Antarctica, Cuba, Germany,

Afghanistan and Jordan.

Another 105 members of the 152nd Air Operations Group were sent to various other locations supporting multiple agency training and critical exercise support requirements.

Domestically, the 174th was busy assisting local operations.

Over 200 Airmen were tasked, prepared and deployed to support several domestic response taskings to include two severe weather events and one flood relief mission. During Operation Lake Ontario, over 131 wing personnel contributed to the



Weapons aircraft armament specialists assigned to the 174th Maintenance Squadron, load munitions onto an MQ-9 Reaper during RED FLAG-Alaska 19-2, June 18, 2019, at Eielson Air Force Base, Alaska. RF-A, a Pacific Air Forces sponsored exercise designed to provide realistic training.

building and placement of over three million sand bags.

The 174th Medical Group (MDG) was selected as the lead unit for Operation Valley Healthcare, providing medical relief to residents of Columbus, Georgia.

They led a Joint Force operation of approximately 300 Air, Army and Navy service members that will be boots-on-the-ground in Columbus and treating patients from 31 July – 13 August 2020.

They continued to explore more efficient means of accomplishing the mission and bolstered mental and physical resiliency skills through the first ever Air National Guard Reaper Operation Performance Team. The unit conducted medical clearance, Individual Medical Readiness completion, chemical, biological, radiological and nuclear training, and continued flight medicine support for 134 deploying Airmen.

The medical group deployed 19 Airmen on state active duty operations. Other highlights included medical support to the Alaska Red Flag exercise and stand-up of active Air Force 491 Attack Squadron medical personnel in the 174th MDG

The 174th Honor Guard provided military honors at over 327 events in our region. This small team of dedicated professionals and volunteers conducted 291 Military funeral events and provided a formal presence at 36 colors events in the wing.

The wing Recruiting and Retention

Team continued to lead NY State in overall accessions, bringing in 129 new members to develop our officer and enlisted force.

Finally, the wing 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. A New York Air National Guard unit deployed in place, the 224th ADG conducts the Eastern Air Defense Sector's (EADS) federal mission.

A headquarters unit of the North American Aerospace Defense Command (NORAD), EADS is tasked with defending the U.S. airspace through vigilant detection, rapid warning and precise tactical control of NORAD forces.

Col. Emil J. Filkorn serves as the EADS Commander, which is a federal, Title 10 position. Col. Paul M. Bishop is the 224th ADG commander, which a New York Air National Guard, Title 32 position. Col. Bishop assumed command of the ADG in February 2019.

The 224th ADG is composed of the 224th Air Defense Squadron, the 224th Support Squadron and two detachments in the Washington, D.C.

area.

At the end of federal fiscal year 2019 the group had 339 personnel—94 officers and 245 enlisted Airmen.

Most serve full-time as Active Guard and Reserve (AGR) members, while about 60 Airmen serve as traditional, one-weekend-a-month, Drill Status Guardsmen (DSGs).

A small Canadian Forces detachment, a U.S. Army liaison officer, two Navy liaison officers, approximately 40 Title V federal civilian personnel and nearly 20 contractors serve at EADS alongside 224th ADG personnel.

Among EADS/224thADG 2019 accomplishments were:

Battle Control Center (BCC) Weapons System Council. Composed of EADS, the Western Air Defense Sector, the Canadian Air Defense Sector and the air defense regions in Alaska and Hawaii, the council is an Air Force advocacy initiative that addresses common problems faced by the sectors. Col. Filkorn served as the council chairman in 2019 and oversaw two major conferences, one in May at Joint Base Lewis-McChord in Washington and a second in November at Langley Air Force Base, Virginia. Because of the council's efforts, the sectors are now providing input for the Air Force's new command and control architecture effort, which will re-shape command and control technologies and procedures across the service.

Recruiting initiatives. Seeking to address long-standing manning issues, the 224th ADG instituted an aggressive recruiting effort. Working with the 174th Attack Wing recruiting office, the ADG hosted an informational workshop for high school academic advisors in August and has another planned for the first half of 2020. A facility tour for the Madison-Oneida Board of Cooperative Services (BOCES) superintendent and professional staff reinforced the academic advisor project, as did the unit's ongoing work with the Oneida-Herkimer-Madison BOCES School and Business Alliance (SABA). Working in concert with SABA, the ADG provided career-shadowing opportunities for



A C-130 flown by the 109th Airlift Wing takes off from Canadian Forces Station Alert on Ellsmere Island, Nunavut, after dropping off supplies on Sept. 30, 2019. The Air Guard crew assisted members of the Royal Canadian Air Force's 8 Wing transporting supplies from Greenland to Canadian Forces Station Alert, Nunavut.

New York Air National Guard

more than a dozen local high school students in 2019.

The 224th Air Defense Squadron, commanded by Col. Joseph F. Roos, is responsible for the air defense mission. Data from sensors and radars constantly flow into the unit's 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 2019, the ADS detected, tracked, identified, evaluated and responded to 1,584 defined threats – an average of four a day – and more than 69,000 potential threats, a daily average of 189.

As part of its mission, the ADS supported several critical national events. These events included the State of the Union Address, the G-7 Economic Summit, the United Nations General Assembly and Super Bowl LII. In addition, the ADS enforced Federal Aviation Administration Temporary Flight Restrictions (TFRs) for more than 110 presidential flights and supported a major hurricane relief effort.

While conducting its around-the-clock mission, the ADS executed a

rigorous, thorough training program that included more than 2,500 different events. ADS Airmen controlled 466 practice scrambles and actively participated in 98 higher headquarters exercises that integrated fighter aircraft, helicopters and Ground-Based Air Defense (GBAD) assets in the National Capital Region (NCR).

The ADS works hand-in-hand with the 224th ADG Detachment 1. Located at the Joint Air Defense Operations Center (JADOC) in Washington, D.C., where it works alongside the U.S. Army personnel, Det 1 provides intelligence, information technology and communications security support for the NCR's integrated air defense mission. Led by Lt. Col. Michael D. Pelphrey, the detachment has approximately 40 New York Air National Guardsmen and around 40 government contractors

Like the ADS, Det 1 trains constantly while carrying out its mission. The detachment conducted more than 1,600 training simulations in conjunction with Army personnel and participated in 130 training exercises. The exercises certified more than 550 Soldiers and Airmen to perform the ground-based air defense mission.

Det 1's cyber security section was active as well, completing the operational testing and evaluation of three NCR Integrated Air Defense Systems (IADS).

The 224th ADG's Detachment 2, located at the Transportation Security Administration's National Capital Region Coordination Center (NCRCC) in Herndon, Virginia, is responsible for ensuring effective interagency cooperation. Commanded by Lt. Col. Drew D. Roper, Det 2 is composed of six full-time New York Air National Guard officers, four drill status New York ANG officers and one federal civilian.

The NCRCC's mission is provide the up-to-the-moment situational awareness of NCR air operations to the federal agencies tasked with protecting Washington, D.C. These agencies include the Federal Aviation Administration (FAA), Customs & Border Protection (CBP), United States Coast Guard (USCG), United States Secret Service (USSS), United States Capitol Police (USCP) and Joint Force Headquarters National Capital Region (JFHQ-NCR). The EADS air picture is displayed around the clock at the NCRCC, alongside those of the FAA and CBP. The Det. 2 Air Defense



Airmen assigned to the 105th Airlift Wing participate in combat survival training at Plum Point County Park, New Windsor, N.Y., June 1, 2019. The training equips aircrews with the skill necessary to survive in hostile environments.

Liaison Officer pushes/pulls information as necessary between EADS and the other agencies during Track Of Interest events. The unit commander also conducts outreach to local flying units with respect to Special Flight Rules Area (SFRA) operations that are in place in the NCR.

In 2019, Det. 2 supported over 150 TOI events within the NCR. Det. 2 also logged over 7,800 DoD NCR rotary wing visual flight rules flights on behalf of the FAA.

The 224th Support Squadron is commanded by Col. Jeffrey W. Kerneklian, who assumed command in July 2019. The support squadron builds, installs and maintains the radar, communications and information technology systems that enable the air defense mission. The squadron also contains the unit's security forces flight.

The constant efforts of the squadron's SCP section, composed of Mission Systems, the Communications Focal Point and the Mission Defense Team, kept the robust communications system humming. These Airmen completed thousands of unseen, "routine" actions, including 3,750 maintenance inspections, 945 unscheduled repairs or corrections, and filled 135 Federal Aviation Administration maintenance requests. The section also conducted 88 short duration radar integrations for presidential flights and responded to five cyber events.

Plans, communications security and knowledge operations, collectively known as the SCX section, oversaw the installation of an Enhanced Regional Situational Awareness (ERSA) fusion center upgrade. The ERSA upgrade required the coordination of five EADS cyberspace work centers, four Department of Defense organizations and over 400 man-hours of implementation and testing. The new system boosted EADS' ability to detect, classify and visually identify aircraft in the NCR. SCX also identified and performed remediation on 350 network vulnerabilities and assessed more than 5,000 risk management network security controls.

The squadron's SCO section is composed of the network control center,

infrastructure, radio and audiovisual departments. SCO played a key role in troubleshooting a NORAD-Northern Command classified system, performing 136 network assessments during its testing and validation phase. The section also participated in four FAA joint inspections and provided the technical expertise needed to help reconstruct ground-to-air radios damaged by Hurricane Michael.

The unit's 36-year old generator was modernized through the efforts of the squadron's civil engineer and logistics personnel. The modernization project required months of planning, pre-construction and equipment design, followed by two days of around-the-clock work to install new equipment. The section oversaw installation of new, more efficient LED lighting throughout the facility, supervised the re-paving of the facility's parking lot and completed construction on the unit's new Heritage Room.

The squadron's security forces (SF) experienced growth in 2019, receiving 13 new Drill Status Guardsmen. The growth came on the heels of the SF flight's outstanding inspection performance. A NORAD Alert Force Evaluation Team gave SF a 100% mission readiness rating during a no-notice active shooter exercise. SF's tactical

response – the process of locating and neutralizing the shooter – was recognized as the "best seen to date" by the inspection team. Two security forces Airmen were also participants in a once-in-a-lifetime opportunity in September, serving as part of the augmentation force that helped guard Air Force 1 during President Trump's visit to the Rome-Utica area.

The 224th ADG played an active role in the Rome community. The ADG's Honor Guard provided funeral honors for 41 local veterans and conducted 17 colors presentations at athletic and social events and marched in eight parades. The Honor Guard also conducted eight retirements and four ceremonial flag folds.

ADG Airmen provided hundreds of volunteer hours for projects such as the Ride for Missing and Exploited Children and the Rome Rescue Mission's Thanksgiving basket drive. For the third consecutive year, the ADG partnered with the Rome City School District Mentoring Program. Twelve 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.



Master Sgt. Joshua Decker, 105th Maintenance Squadron acting first sergeant, engages in a problem solving exercise during the 2019 First Sergeant Symposium held on May 21, 2019 at Stewart Air National Guard Base, Newburgh, N.Y.

New York Naval Militia

The New York Naval Militia is a state defense force made up mainly of members of the Navy Reserve, the Marine Corps Reserve and the Coast Guard Reserve. Five per cent of the Naval Militia members can be members of the organization without serving as a federal reservist.

The Naval Militia provides trained manpower to the state of New York while serving in state active duty status during state missions.

The Naval Militia also operates the Military Emergency Boat Service (MEBS) which maintains 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.

The Naval Militia is commanded by Rear Admiral Warren T. Smith, Rhinebeck, N.Y., a retired Navy Reserve officer.

As of Nov. 1, 2019 there were 2,558 members of the New York Naval Militia. Of those members 1,321 hold membership in the Navy Reserve,

1,044 drill with the Marine Corps Reserve and 79 drill with the Coast Guard Reserve. The balance of the members are retirees or prior service veterans; they are no longer drilling reservists.

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.

Patrol Boat 440, a 44 foot-long diesel powered water-jet catamaran based 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 secu-

riety 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 Boat 400, a high speed aluminum Marine Kingston 40 foot search and rescue boat made by Metalcraft Marine based in Verplanck;

Landing Craft 350, a boat constructed by William E. Munson Co. of Burlington, Washington. The boat's bow is a ramp which can be dropped to allow access to the shore by people or vehicles.

Patrol Boats 300 and 301 - two 30-foot Nigel Gee boats based in Massapequa 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.

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

During 2019 the New York Naval Militia responded to several state weather emergencies.

Two winter storms in January and February tasked the N.Y. Naval Militia to provide emergency support personnel to the Division of Military and Naval Affairs headquarters in Latham, N.Y. These subject matter experts were vital to the logistics, personnel and finance divisions in record keeping, accounting and closing records for deployed forces.

The major weather emergency for Upstate New York was the 2019 Lake Ontario Flooding: Naval Militia personnel responded with over 100 personnel. Naval Militia personnel were instrumental in the command and control aspects of the mission along with food service operations (that during the course of the mission served over 11,000 meals), and the



Naval Militia members take part in a logistics exercise involving loading landing craft LC-350 with cargo at the Cortlandt Manor boat ramp on May 18, 2019 near Camp Smith Training Site, N.Y. A total of 74 Naval Militia members took part in the exercise.



New York Naval Militia landing craft LC-350 on shore near Sodus Point, N.Y. on May 29, 2019. The New York Naval Militia deployed two patrol boats and crews to provide assistance with the flood response on Lake Ontario.

daily sand bag and Aquadam placements.

This emergency was the first opportunity to deploy the 2018 purchased 35 foot landing craft. The landing craft was transported by NYS Thruway using NYS Police escorts to the towed oversize load vehicle. The Landing Craft was instrumental in transporting sandbags and supplies to flood water isolated New York residents. The landing craft returned to the Hudson River via a transit of the NYS Canal System through the Oswego and Erie canals.

New York Naval Militia personnel were selected as the officer in charge and the non-commissioned officer in charge of the Joint Task Force Lake Ontario Recovery mission where the Aquadams and other supporting equipment was recovered from Lake Ontario locations. 38 personnel from the Army National Guard, Air National Guard, New York Guard and Naval Militia efficiently recovered all materials and equipment in half the time anticipated.

A severe November wind storm in Herkimer County, N.Y. again brought Naval Militia support personnel to the DMNA Headquarters to support logistics and finance divisions.

And in December, Naval Militia personnel responded to a snowstorm

which dumped heavy amounts of snow in the Albany region and the upper Hudson Valley.

The Naval Militia conducted training exercises throughout 2019.

In March 2019, 19 members of the Naval Militia and New York Guard met for two days of training with National Guard Emergency Radio operators to train on portable High Frequency (HF) radio equipment at Camp Smith. This training was in preparation for Exercise Empire Challenge in May.

Also in March 2019, the New York Naval Militia coordinated a ceremonial naval reception detail to "Ring Aboard" the U.S.S. Intrepid Museum members of the State Partnership Program agreement signers: NYS Adjutant General and a Brazilian admiral.

The Lake Ontario flooding began at the same time as the Naval Militia was conducting a multi-NYS Military Force exercise named Empire Challenge. The Empire Challenge exercise involved over 350 personnel from the Naval Militia, the New York Guard and the New York Army and Air National Guard. Because of the two simultaneous events the Naval Militia operated two food service operations on opposite sides of the state: Camp Smith in Cortlandt Manor, N.Y. and

Patriot Way Armory in Rochester, N.Y.

The Empire Challenge exercise involved all 10 of the N.Y. Naval Militia Military Emergency Boat Service (MEBS) operating together on the Hudson River.

A key role in the exercise was the motor vehicle training of Naval Militia personnel by Army National Guard members of the 53rd Troop Command at Camp Smith. These vehicle trained personnel then operated a convoy of Humvees, flatbed trailer trucks and forklifts to move materials from Camp Smith through the city of Peekskill and then load pallets on the landing craft.

This simulated the water borne resupply of vital material in the event of a major N.Y.C. coastal storm. Another multi agency aspect of this exercise was the use of emergency High Frequency (HF) Radio communications for Command and Control. In the event cell and internet service is interrupted the last airborne radio communications network available is HF radio.

Naval Militia, New York Guard, Air National Guard and Army National Guard radio operators were able to communicate and relay messages during this exercise from Montauk Point on Long Island to Niagara Falls.

New York Guard

The New York Guard is New York's uniformed state-defense force whose members augment the National Guard during state emergencies and security operations. Authorized 804 personnel. The force had 408 volunteers assigned as of October 2019.

The New York Guard is commanded by Brig. Gen. David J. Warager.

Members of the New York Guard wear a version of the Army's Operational Camouflage Pattern Uniform substituting a NY Guard nametape and black patrol cap. The NY Guard is permitted to utilize a rank and organizational structure the Army National Guard currently uses. They specialize in support skills such as logistics, communications, engineering and staff work which are useful when state emergencies occur or in other support roles to the National Guard.

The New York Guard maintains the Division of Military and Naval Affairs Military Emergency Radio Network – a network of short range radio stations across the state – and the Mobile Emergency Response Center—a satellite communications system.

New York Guard teams provide training in chain saw use to members of the New York Army and Air National Guard during weather response missions.

Unlike members of the New York National Guard, members of the New York Guard have no federal military obligation, do not carry arms and do not serve outside New York.

Members of the New York Guard are not paid when they conduct training, normally one or two days a month and a week in the summer at Camp Smith Training Site. They are paid when they report for a state mission in State Active Duty status.

New York is one of 26 states which maintain this federally authorized, state-only defense force.

The New York Guard can trace its history to 1917 when the U.S. entered World War I and the New York National Guard mobilized for the war.



Members of the 88th Area Command conduct communications training at the Whitestone Armory in Queens, N.Y. November 17, 2019.

The New York Guard was created to take on security duties guarding the Erie Canal and the New York City water system from German sabotage.

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

In 1940 the New York Guard was created once more. Members responded in January 1945 when a snowstorm pummeled upstate New York.

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

Many New York Guard members have prior military service in the National Guard, Reserves or active duty.

During 2019, 116 New York Guard members took part in six state weather response missions, spending a total of 2,750 man-days of effort responding. Seventy-two personnel took part in more than one mission.

The bulk of that was Operation Lake Ontario, a long-term mission to control flooding along the lake shore.

Personnel also took part in Operation Empire Challenge, a joint exercise with the Naval Militia and New York Army National Guard in May. New York Guard personnel conducted

communications, food service and medical support during the exercise.

Public affairs personnel supported the Division of Military and Naval Affairs Public Affairs Office, while legal officers assisted National Guard families at Yellow Ribbon events in preparation for unit deployments.

Chaplains assisted National Guard chaplains in providing ministry services. Members of the 89th New York Guard Band augmented the 42nd Infantry Division Band during a statewide tour and members of the 244th Medical Detachment provided medical professionals to the New York Air National Guard during training opportunities.

The New York Guard conducted its annual training at Camp Smith Training Site from Sept. 14 to 20.

The training emphasized individual and team skills. This included food safety, Joint Operations Center operations, logistical and administrative operations. Professional development classes included Initial Entry Training, NonCommissioned Officer, Warrant Officer and Commissioned Officer curriculum.

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 New York Army and Air National Guard and the New York Military Forces.

During 2019 there were 1,707 federal civilian employees who supported the New York Army and Air National Guard. Another 394 civilians worked for the New York State Division of Military and Naval Affairs.

The bulk of the federal civilian employees are what is known as "Title 32 federal technicians." The "Title 32" refers to the section of the United States Code which sets down the statute which the National Guard follows.

Title 32 technicians are federal civilian employees who are required to also serve as members of the Army or Air National Guard to fill their positions.

There were 1,443 Title 32 technicians working for the Army and Air National Guard in 2019; 594 supported Army National Guard missions, while 849 worked for the Air National Guard. The bulk of these personnel fill maintenance positions or other jobs which require specific military skills.

The remaining 264 federal positions are classified as "Title 5 technicians." These are jobs which can be filled by civilian employees who are not currently members of the National Guard. These personnel are hired through the standard U.S. civil service procedure.

There were 80 of these Title 5 employees assigned to New York Army National Guard jobs and 184 supporting the New York Air National Guard.

Congress mandated that many Title 32 positions be converted to the Title 5 category in 2018. Currently most of the Title 5 employees working for the New York National Guard are former Title 32 employees whose positions were shifted to the civilian category. Most of those employees still serve in

the New York National Guard as traditional part-time Soldiers and Airmen.

There are also 40 federally-funded contract employees who work under the direction of the New York National Guard Family Programs Office. These individuals fill a number of positions to assist Guard Soldiers, Airmen and families which include financial counselors, family program managers and even psychologists.

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 air bases 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 resources office. In functions like facility engineering, legal, government

affairs and public affairs, state and federal employees work side-by-side.

During 2019 New York state employees worked in the following positions:

State armory maintenance personnel - 127

Division of Military and Naval Affairs Headquarters personnel - 96

Air National Guard Airbase Firefighters - 68

New York Air National Guard Facility maintenance personnel - 52

Air National Guard security force - 27

Air National Guard administrative support - 14

New York State Military Museum - 6

New York Air National Guard environmental support - 4



New York State employees Clare Sedgwick, Elizabeth Halpin and Kathleen Phillips review financial documents at the Division of Military and Naval Affairs, Latham, N.Y., Feb. 4, 2020. Their records were used to provide information for the New York National Guard annual report.

State Partnership Program

The New York National Guard has relationships with the South African National Defence Force and the Brazilian Armed Forces.

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 74 State Partnership Programs throughout the world.

The program is administered by the National Guard Bureau, guided by State Department foreign policy goals and executed by the states 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.

The New York National Guard Joint Operations section is responsible for administering the program and coordinates with U.S. Africa Command when planning training activities with South Africa and with U.S. Southern Command when working with Brazil.

South Africa Partnership

The New York National Guard's State Partnership Program with South Africa began in 2003.

Army National Guard Lt. Col. Al Phillips is stationed at the United States Embassy in Pretoria, South Africa to coordinate joint training opportunities with South Africa and coordinate with U.S. Africa Command. The New York/South African partnership is the oldest with an African military force.

During 2019 State Partnership events with South Africa included:

Four senior New York Air National Guard firefighters taking part in training with fire fighters in South Africa's Western Cape Province from April 29 to May 5. Master Sgt. Brian Cavanaugh, Master Sgt. Fredric Pravato, Staff Sgt. Robert Despres Jr. and Staff Sgt. Joshua Lebenns from the 106th Rescue Wing visited the Table Mountain National Park Fire Management De-



Firefighters from the 109th Airlift Wing train at Table Mountain National Park in Cape Town, South Africa, on Nov. 20, 2019. The New York National Guard sent 11 firefighters from the 109th to South Africa as part of the State Partnership Program.

partment, attended a fire symposium at Stellenbosch University, visited several fire outpost stations and got the chance to train with South African firefighters.

Ten New York Soldiers and Airmen endured five intense days of shooting, negotiating land and water obstacles, grenade throwing and a four mile combat run during the annual South African Defence Force Military Skills Competition, conducted October 21-26. The competition, held annually since 2006, is open to members of reserve components from other nations as well as South African active duty military members and reservists.

American and South African defense officials, including a New York National Guard team headed by New York Army National Guard Brig. Gen. Michel Natali, spent two days, Nov. 4-6, exploring joint training and exchange opportunities during the annual Defense Committee Meeting held in Pretoria, South Africa. The annual Defense Committee Meeting, called DEFCOM for short, is held each year to discuss bilateral security cooperation and relationship goals. It's also an opportunity for New York National Guard and South African military representatives to discuss potential training and exchange opportunities in

the coming year.

Eleven Air National Guard firefighters from the 109th Airlift Wing spent two weeks learning how to battle brush fires with 60 South African firefighters during a program run by South African National Parks at Table Mountain National Park.

Two New York chaplains shared their priorities and experiences with their South African counterparts during a November 25 meeting at South African National Defence Force headquarters in Pretoria. Chaplain (Lt. Col.) Scott Ehler, the New York National Guard state chaplain and his deputy, Chaplain (Maj.) Timothy Miller, outlined programs and efforts to help Soldiers cope with adversity.

The New York National Guard also regularly participates in South Africa's African Aerospace and Defense Exhibition at Waterkloof Air Force Base near Pretoria, South Africa, which is held every other year.

Brazil Partnership

The New York National Guard partnership with the Brazilian Armed Forces was formalized during a March 14 ceremony at the U.S.S. Intrepid Air & Space Museum. Army Maj. Gen. Ray Shields, the Adjutant General and Brazilian Navy Rear

State Partnership Program

Admiral Guilherme da Silva Costa, Chief of International Affairs at the Brazil Ministry of Defense, initialed the deal alongside Air Force Gen. Joseph Lengyel, the Chief of the National Guard Bureau and Navy Admiral Craig Faller, commander of U.S. Southern Command.

“As the hemisphere’s two largest democracies, our relationship has been built on an enduring promise to one another: to be steadfast, committed, and co-equal partners that work together to achieve a cooperative, prosperous and secure hemisphere,” Faller said.

The cooperation between Brazil and the United States has historic precedence, Guilherme said.

“There has been a long standing partnership between the armed forces from both our countries,” he said, “exchanging experiences and knowledge, training together, fighting together.”

“With the State Partnership Program, by the exchange of experiences, both sides will be able to enlarge capacities, so as to better serve our countries, better serve our people,” Guilherme added.

A number of exchanges have already taken place in 2019. These include:

Lt. Gen. Achilles Furlan Neto, the operations officer for the Brazilian Army, spent the week of October 6-11 visiting New York senior leaders, Soldiers and Airmen and facilities in Latham, Scotia, Camp Smith and New York City. Furlan received an overview of Army National Guard aircraft and military vehicles and took part in briefings outlining the capabilities of New York’s Civil Support Teams, Counterdrug Task Force and individual units, including the 501st Explosive Ordnance Disposal Battalion, 204th Engineer Battalion, the 1st Battalion, 258th Field Artillery and the 369th Sustainment Brigade.

He capped his visit with a look at Joint Task Force Empire Shield’s security operations in New York City.

New York commanders welcomed Brazilian Maj. Gen. Marcio de Calazans Braga for a day-long discussion on the future of the new partnership

between New York and the Brazilian Military at Stratton Air National Guard Base on Dec. 11, 2019. Maj. Gen. Ray Shields, the Adjutant General, brought New York Army and Air Guard leaders together to outline New York’s commitment to the partnership and to discuss capabilities for Maj. Gen. Calazans Braga and two of his staff, U.S. Department of Defense, and U.S. State Department officials.

Army National Guard Staff Sgt. Thomas Carpenter graduated from the prestigious Brazilian Army Center for Jungle Warfare Instruction in November. Carpenter is the 30th American to graduate from the school’s six-week long international course.

“Most jungle military experts consider the Brazilian Army Jungle Warfare School to be the premier jungle school in the world,” said Army Lt. Col. Rob Santamaria, a military liaison in the U.S. Embassy in Brazil. “Staff Sgt. Carpenter’s graduation from the Brazilian army Jungle Warfare School’s International Course has given the New York Army National Guard instant credibility and garnered much respect with the Brazilian Army,” he added.

Six Airmen from the 109th Airlift Wing traveled to Rio de Janeiro Sept. 14-21, as part of the new state partnership. The Airmen visited counterparts in the Brazilian Air Force’s 1st Squadron of the 1st Transport Group at Galeao Air Base in Rio.



Staff Sgt. Thomas Carpenter, second from right, and other Soldiers who completed the Brazilian Army Jungle Operations International Course brandish their machetes their graduation ceremony Nov. 30, 2019 in Manaus, Brazil. Carpenter was the 30th American Soldier to graduate the course.

The pilots and maintenance personnel talked about Antarctic flying operations. Just as the 109th Airlift Wing specializes in American research with flight operations in Antarctica, the Airman of Brazil’s 1st Squadron support the Brazilian research station in Antarctica’s South Shetland Islands.

Brazil has invited New York to send a company to conduct training in Brazil each year and is interested in combat rescue, remotely piloted aircraft operations, homeland security, chemical, radiological, biological response and interagency missions, of the New York National Guard.



Chief of International Affairs at the Brazil Ministry of Defense, Rear Admiral Guilherme Da Silva Costa (center right) and New York National Guard Adjutant Gen., Maj. Gen. Raymond Shields (right), sign a state partnership agreement, on the U.S.S. Intrepid, Manhattan, N.Y., March 14, 2019. Admiral Craig Faller, the commander of the United States Southern Command (center left) and General Joseph Lengyel, Chief of the National Guard Bureau (far left) also took part in the signing event.

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 and Air Base Key Volunteers helps the professional team reach the 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 five 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 trained ESGR staff.

Citizen Soldier for Life

Five Citizen Soldier for Life Counselors 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 and learning about the military community and lifestyle.

Eight Personal Financial Counselors who are certified financial planners and assist with debt reduction, budgeting, retirement, credit management, tax planning and estate planning. They are available for Service members and their Families throughout the State. They accomplish these responsibilities through face to face contact, unit briefings, and Yellow Ribbon Reintegration programs.



The New York National Guard Teen Council held a symposium July 29, 2019 for ten teens at Fort Montgomery, N.Y. The group attended a financial fitness workshop given by Family Readiness Counselor Lisa Dapolito and tested their leadership skills at Camp Smith and learned more about American military history at West Point.

Military History



The new Military Museum permanent exhibition "Hot Spots in the Cold" opened to the public in November, 2018. Through the use of artifacts, photos plus oral histories, this exhibit tells the roles New Yorkers played in both the Korean and Vietnam Wars.



Paul Mabry of Guiderland, N.Y., wore this Desert Camo Combat Coat when he served with the 2nd Battalion, 108th Infantry Regiment, New York Army National Guard, attached to the 2nd Brigade, 1st Infantry Division near Bagdad, Iraq in 2004.

The New York State Military Museum and Veterans Research Center, which is part of the Division of Military and Naval Affairs, is charged with preserving, interpreting and disseminating the story, history and records of New York State military forces and military personnel and veterans.

The collection is divided into the museum and the library and archives holding. The museum staff is also accountable for the historic artifacts deposited in the New York State Armories located around the state.

The museum is housed in a historic Armory in Saratoga Springs New York at 61 Lake Avenue. The building, designed by Isaac Perry and constructed in 1889, is an example of armory architecture that was popular in upstate New York in the late 1800's.

The museum also produces historical displays at armories which help today's Soldiers learn the history of units which trained there in the past.

The museum holds around 26,000 artifacts ranging from an M-4 Sherman tank which was used during World War II, to the key to the liquor cabinet of Confederate President Jefferson Davis's house in Richmond which was acquired by a New York Soldier during the Civil War.

The museum has a vast collection of books, photographs and written records on hand as well.

The museum holds 14,533 books and articles, 15,497 historic photographs, 2,370 video and audiotaped veterans' oral histories and 343 pieces of sheet music and 620 unit rosters. Many items can be viewed on the museum website as a digital file.

In 2019 the museum website recorded 816,598 pages views from visitors.

The museum is also home to the largest collection of historic battle flags --2,286-- in the country. One thousand of these are from New York Regiments which fought in the Civil War but there are flags dating back to the War of 1812 and from the Persian Gulf War. The collection also includes

captured Confederate battle flags from the Civil War.

Since 2000 the museum has restored 552 of the flags in the collection.

During 2019 the museum hosted 8,743 visitors. This included school groups, groups attending meetings at the museum, and Scouting Groups.

The museum also regularly hosts a series of historic talks.

The museum library includes a massive collection of books, newspaper clippings, letters, orders, yearbooks, other documents and posters and photographs. The museum also maintains a collection of video interviews with veterans of World War II, Korea, Vietnam and more recent conflicts.

The museum website makes many of these documents available online, including a database of Soldiers killed during World War I and World War II. Many of the veteran interviews are available on line via You Tube.

The museum's collection was started in 1863 when the governor directed the New York National Guard to designate an officer to collect items related to New York participation in the Civil War. For this reason the museum has one of the most extensive collections of Civil War era newspaper clippings in the country.

Highlights of the archives include over 2,300 Civil War photographs, a collection of Civil War era newspaper clippings, and New York National Guard service cards and service records dating from the 1880's to 1965.



The Vietnam War exhibit discusses America's early involvement in South-east Asia including the sending of advisors into South Vietnam during the 1950s. Artifacts include this master sergeant's Utility Jacket, c.1958 and an M1 helmet and camo cover, c.1965.

