

127th
Wing
Annual
Report
2015-2016



127th Wing

Senior Leaders



Brig. Gen. John D. Slocum
127th Wing Commander



Col. Rolf Mammen
127th Wing Vice Commander



CMSgt. Tony Whitehead
127th Wing Command Chief



Col. David Brooks
127th Air Refueling Group Commander



Col. Doug Champagne
127th Operations Group Commander



Col. Rolf Mammen
127th Maintenance Group Commander



Col. Daniel Whipple
127th Mission Support Group
Commander



Col. Mark Manor
127th Medical Group Commander

The 127th Wing

Excellence – Dedication – Patriotism – Pride – Selfridge Air National Guard Base and the 127th Wing have it all! What began in 1917 as Joy Aviation Field now hosts our nation's premier model of government inter-agency collaboration and synergy, with more than 4,400 employees contributing to an \$850 million dollar impact in Southeastern Michigan. There's a lot happening at Selfridge. This last year, the 127th Wing set numerous records in terms of excelling at our federal missions, serving the great State of Michigan, and setting new performance standards on several inspections, assessments, and evaluations. When it comes to answering the call to service - we are indeed the first choice, the proven choice, and the enduring choice.

With the 127th Wing and the 44 tenant organizations it's almost easier to list what isn't being done at Selfridge. Even our tenants have tenants. Defense, Rescue, Security, Cyber, Intelligence, Service, Administration, Command and Control, Veteran's Care, and much more . . . Selfridge has it all.

In the last year, we have hosted the President of the United States, the Vice President, our Congressional Delegation, the Chief of the National Guard Bureau, and many other distinguished visitors. I can bear witness to the many praises and accolades from visitors when they see the immense scope, complexity, capability, and accomplishments of Selfridge's selfless servants.

Selfridge thrives because of our great community and employer support. Almost 70% of Guardsmen are employed full-time in the local area – thriving and contributing local Michiganders who also choose to nobly serve their State and Country.

Our first 100 years have been spectacular. Wait until you see what the next century has in store for Selfridge and your Michigan Hometown Air Force! With our distinguished past and our benchmark setting present, I'm confident that Selfridge will continue to be a cornerstone of service and a landmark of the Macomb County landscape for the next 100 years.

— Brig. Gen. John D. Slocum
Commander, 127th Wing
Michigan Air National Guard



Why I serve

Senior Airman Adam McMann works in the 127th Operations Group as an aircrew flight equipment technician. McMann is responsible for maintaining and testing the survival equipment for the A-10 Thunderbolt and KC-135 Stratotanker crews at Selfridge Air National Guard Base.

McMann joined the military in 2009 and has been a part of Team Selfridge since 2012.

Every ejection seat parachute is inspected annually. McMann says it can take up to a whole day for each parachute. Line consistency and any flaw in the canopy are dealt with accordingly. Each line connecting the canopy to the harness is precisely measured, if the length is too long or too short the entire line is replaced.

"I take pride in my job because it lets me know that if something ever goes wrong during a flight I will have been able to provide the crew with a safe way back."

Brig. Gen. John D. Slocum addresses a visiting tour group at Selfridge.





Wing Strategic Initiatives 2016

WARFIGHTING: Our near-term goal is to focus on our readiness, effectiveness, and safety today. With the secure future of the Global Mobility mission with the KC-135, the primary focus for the Wing's warfighting future is to secure an enduring fighter mission to replace the A-10 "Warthog" whenever the USAF divests that aircraft. Keeping a separate and distinct flying fighter mission makes sense for Michigan due to airspace, infrastructure, stewardship, and many more reasons. Our goal is to ultimately posture ourselves for 5th generation aircraft service such as the F-35, KC-46, or other high tech, low density, high demand missions of the Air Force.

HOMELAND SECURITY: As the national model for interagency collaboration strategically located with access to every major transportation and communication node, Selfridge is ideally postured to play a major role in State and Regional emergency and disaster response. The 127th Wing will continue efforts to

inculcate Disaster Preparedness and to add missions and equipment that empower Homeland Security missions and operations. With more than 3,600 acres of land with an abundance of infrastructure, Selfridge should be the regional hub to enable quick and effective response to any type of natural or manmade disaster or emergency.

SECURITY COOPERATION: Building enduring relationships is the heart of effective operations. From working closely with the local community on the home front to world-wide support to our Michigan State Partnership Program countries of Latvia and Liberia, the 127th Wing will continue to engage at all levels to ensure we communicate effectively, work together with our strategic equity partners, and establish ourselves as an invaluable institution of service to the local community, the State, and our Country.

We Stand Ready

Fuel storage system construction to begin

A new \$32.6 million jet fuel storage and delivery system will be built at Selfridge Air National Guard Base. The construction contract funded by the Defense Logistics Agency, is believed to be the largest single construction contract ever awarded at Selfridge.

This project will construct a hydrant fuel system to support rapid refueling of KC-135 Stratotanker aircraft and other aircraft assigned to, training at, or deploying from Selfridge.

Construction on the "fuel farm" project is expected to take about two years, with a target completion date of late 2017.

The new storage system will replace an system at the base which is more than 40 years old. The new con-

struction will feature three primary components:

- An above ground, 630,000 gallon storage complex.
- An eight-station hydrant refueling system that will allow even the largest Air Force aircraft to "pull up to the pump."
- A new fuel unloading site that will feature its own, separate entrance and exit from the base property, further enhancing security on the installation.

The new system will greatly facilitate fuel delivery to the 127th Air Refueling Group's fleet of KC-135s, which are primarily used for air-to-air refueling operations.



Why I serve

Recently arriving home from his Air Force technical school, Airman 1st Class John Pitts arrived at the 127th Civil Engineering Squadron, eager to commence his on the job training as a buildings and structure specialist with the squadron.

"The art of woodwork, drywall, masonry, and concrete has always been a passion of mine," Pitts said.

In his duties, he's working with a variety of industrial machines in CE's well-equipped maintenance shop. The Airmen are tasked with a variety of construction and building maintenance duties.

Pitts said he is following a recently-begun "family tradition." His older brother recently joined the active duty Air Force.

"Climbing the ranks alongside my brother is my desired future" Pitts said.



A KC-135 Stratotanker from the 127th Air Refueling Group, Selfridge Air National Guard Base, refuels a 127th Operations Group A-10 Thunderbolt II during a routine training mission. Both aircraft are operated by the Michigan Air National Guard.



Selfridge Air National Guard Base

Acres.....	3,075
Buildings.....	262
Runway/Taxiway/Apron	1,385,244 sq. ft.
Aircraft Parking Ramp.....	1,041,900 sq. ft.
Roads.....	23.5 miles

Key Dates

Selfridge Field Opened.....	July 1, 1917
First Training Flight.....	July 16, 1917
First Night Flight.....	April 1927
Became Selfridge Air Force Base.....	Sept. 17, 1947
First Jet Flights.....	1947
Became Selfridge Air National Guard Base.....	July 1, 1971

Selfridge Heritage

Selfridge Air National Guard Base is one of the oldest and most complex military air bases in the United States. First opened in 1917 as America entered World War I, the first flight at the base took place on July 8, 1917. The base was named for Army Lt. Thomas E. Selfridge, the first person to fly an aircraft while in the U.S. military. Selfridge was killed Sept. 17, 1908, while on a test flight with Orville Wright.

Selfridge Field has been the site of many historic firsts, including serving as the launching point for the first trans-Atlantic Ocean flight by military fighter aircraft. During World War II, the base housed a squadron of what came to be known as the Tuskegee Airmen, the famed all-Black flying unit.

In 1971, the base was transferred from the Air Force to the Michigan Air National Guard and the base has been primarily

used for the training of Guard and Reserve personnel ever since.

The Michigan Air National Guard's 127th Wing traces its roots to a military flying club that was formed in Detroit in 1926. Soon gaining federal recognition, that early organization became the 107th Observation Squadron – a unit which flew over the beaches of Normandy during D-Day in World War II.

In 1996, the 127th Fighter Wing and the 191st Airlift Group were consolidated to create the 127th Wing, which is now the host unit at Selfridge. The 191st was created from a World War II-era fighter squadron and now includes the 171st Air Refueling Squadron. Today, the 107th and 171st squadrons are part of the 1,700-Airmen strong 127th Wing, which upholds the best traditions of the original Minuteman and today's modern Airman.



Why I serve

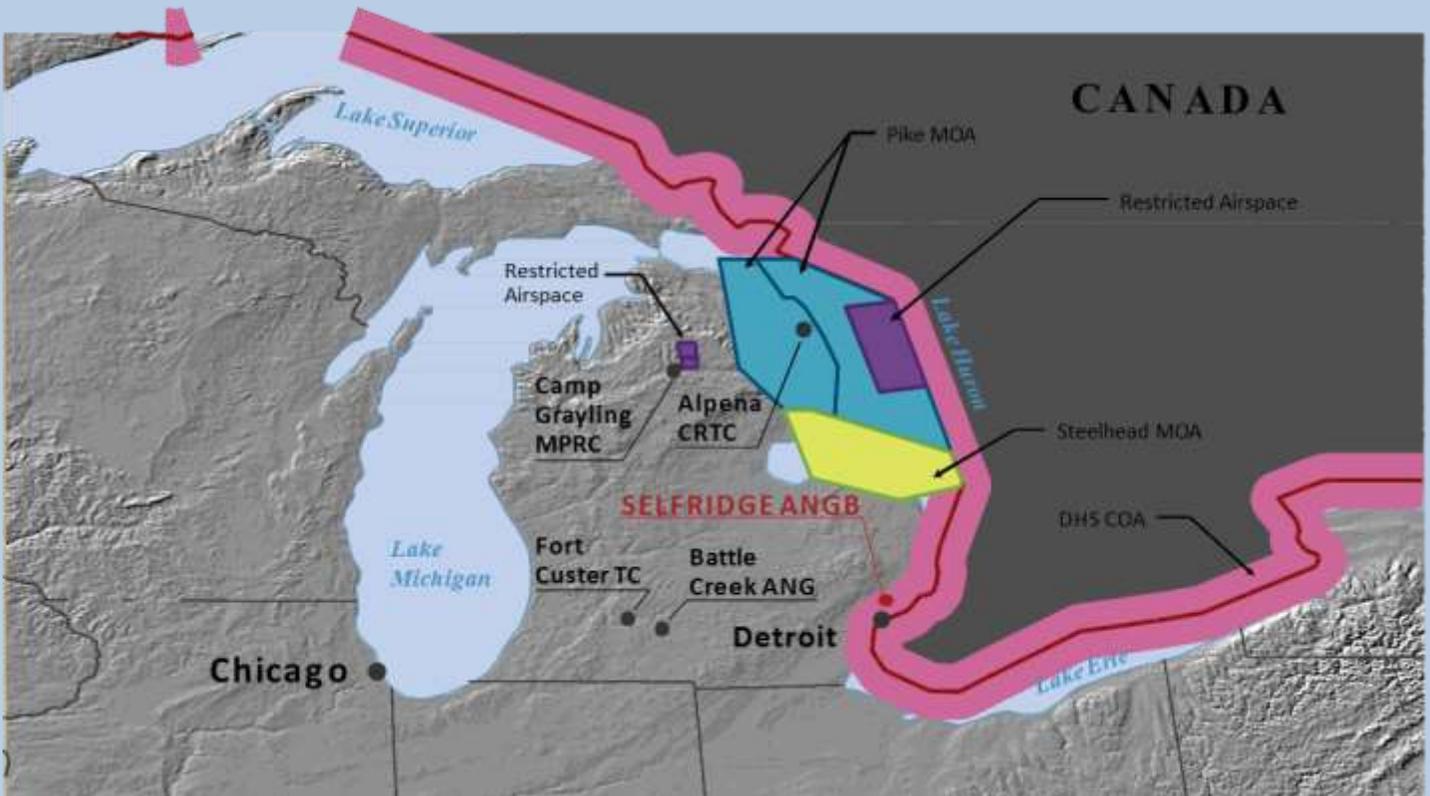
If there's a tanker in the air, maintenance put it there. Staff Sgt. Andrew Depew joined the military over seven years ago and serves with the 191st Aircraft Maintenance Squadron. Depew works in sheet metal performing the necessary structural upgrades on the KC-135 to keep it flying.

He is currently working on repairing a topside balance bay, a panel on the top of the wing. The aircraft has recently returned from an overseas deployment where it has undergone extensive flying hours. The damaged panel is a result of the exhausting hours logged by this jet. Depew was able to visually notice the issue and take the proper action.

"You can really see what this jet went through, the toll all those hours took shows on this aircraft," said Depew while suspended on the wing of a KC-135. "After we get done with it, this aircraft will be operating back at its full capacity."



The 107th Observation Squadron over Normandy Beach on D-Day during World War II.



The Selfridge Advantage

Economies of Shared Use and Scale

When airfield infrastructure, base facilities, and support infrastructure are shared, resource utilization improves and costs are reduced. The combined requirements of Selfridge's 600+ buildings allow the base to negotiate significantly lower rates for service and repair contracts, and utilities, such as electricity and natural gas. Shared use of aviation fuel storage and distribution assets, which will see a \$30 million capital investment in 2015, also contribute to lowering costs for the installation host and tenants. The result is a significant cost savings for all.

Security

- Seven-mile-long security fence with access control.
- Setback for Anti-Terrorism/Force Protection.
- Setbacks for secure Military Communications networking and Operational Security.
- Shared-use SCIF, the largest in Michigan, has the capability for expanded cyber warfare role.
- **Base Security Forces are designated as "First Responders" for weapons storage facilities and suspicious packages.**

Interoperability

Existing and future tenants are available to provide local government assistance in response to natural or man-made disasters.

Airbase infrastructure to support large military and

civilian trans- port aircraft provides opportunities to rapidly deploy/redeploy USMCR, USAR, ARNG, USNR and ANG units in support of contingency operations and war-time activities.

Opportunities for future integration of airfield services (Aircraft Rescue and Fire Fighting (ARFF), fuel storage and distribution, expeditionary airfield capability, Explosive Ordnance Disposal (EOD), Emergency Medical Services (EMS), airbase security, tactical transportation, and communications) with additional Guard and Reserve units exist at Selfridge ANGB.

Airbase infrastructure to support large military and civilian trans- port aircraft provides opportunities to rapidly deploy/redeploy USMCR, USAR, ARNG, USNR and ANG units in support of contingency operations and war-time activities.

Joint storage of munitions is available at a Class V Ammunition storage site.

Unmatched availability of interoperability training opportunities between United States Marine Corps Reserve (USMCR) Infantry, Air Wing and Army Aviation units.

Joint coordination ensures Mission Assurance through the deployment of Anti-Terrorism Force Protection (AT/FP) security measures.

Availability of shared-use ground transportation assets.



Camp Grayling Joint Maneuver Training Center
 Camp Grayling is a premier, full-spectrum, four-season joint training center, providing year round, customer-focused training support and high quality facilities to enable military commanders and civilian leaders to meet their unit readiness requirements. As a premier, world class Joint Maneuver Training Center, Camp Grayling is a leader in providing efficient, unparalleled customer-focused service and the highest level of modern training. Support resources are scheduled year-round to provide a wide range of high-quality training service members, emergency responders and private-sector customers worldwide. Training sites have unique combinations of resources that provide a wide variety of training scenarios to meet unit readiness requirements. Large artillery, mortar, tank ranges and maneuver courses are among the highlights of Camp Grayling. The camp is home to the Grayling Army Air Field and to the Grayling Air Gunnery Range, which features over 147,000 acres of joint use maneuver and impact range space with multiple village and urban areas with over 200 live and dry targets. The camp is located in Northern Michigan five minutes off from I-75. Approximately three hours northwest of Detroit via I-75 and five northeast of Chicago via I-96 and US-131.

Fort Custer Training Center

Fort Custer's training facilities, located just outside Battle Creek along I-94, are used by the Michigan National Guard and other branches of the armed forces, primarily from Ohio, Illinois, and Indiana. Many Reserve Officer Training Corps (ROTC) students from colleges in Michigan, Ohio, Illinois, and Indiana also train at this facility, as well as do the FBI, the Michigan State Police, various law enforcement agencies, and the Lansing Community College Truck Driver Training School. Fort Custer is home to the 177th Regiment, Regional Training Institute, and the Regional Maintenance Training Site. Fort Custer offers a state-of-the-art distance learning center, barracks and dining facilities for visiting units, and plenty of training areas.



SELFRIDGE BASE COMMUNITY COUNCIL:

Major Gen. Gregory J. Vadnais speaks at a meeting of the Selfridge Base Community Council, a 225-member organization that works to build up the relationship between the military and civilian community around Selfridge Air National Guard Base.

Battle Creek Air National Guard Base

Located adjacent to Fort Custer just outside Battle Creek, the base is home to the 110th Attack Wing, which recently transitioned to a Remotely-Piloted Aircraft mission, operated MQ-9 Reaper aircraft. The base is also home to the 217th Air Operations Group, which provides command and control functions for U.S. Air Forces Africa Command. Battle Creek provides distinct capabilities in the cyber, emergency response and operational planning arenas.

Alpena Combat Readiness Center

With 147,000 acres of land available for ground maneuver and the largest piece of air space east of the Mississippi, the Alpena Combat Readiness Training Center in northeast Michigan provides the Great Lakes State with a unique and valuable asset for the warfighter. On any given day at Alpena, a visitor is likely to see a visiting fighter squadron preparing to launch "live-fire missions" at the nearby Grayling Air Gunnery Range; firefighters battling a blaze in the aircraft fire simulator; security forces personnel at the small arms range or urban warfare training center. One of only four such locations in the Air Force, the Alpena CRTC annually hosts upwards of 38,000 visiting personnel per year.



Selfridge & Macomb County Working Together



Selfridge's home for almost 100 years, Macomb County and its communities have long been partners with the Airmen of Selfridge Air National Guard Base. During World War II, the Detroit region came to be known as the "Arsenal of Democracy," thanks to the industrial muscle of Macomb County and its neighbors. Today, the county has transitioned to become a new "Arsenal of Innovation."

Macomb County has a workforce that can get the job done in a globally competitive marketplace. Learn more about why the nation's first satellite patent office was located in our region. Macomb County's Talent advantage:

- More than 30,000 local jobs in engineering, research and development
- More than 3,000 patents are filed annually in the region
- Almost 100,000 college degrees granted every year in the region
- Annually, the region enrolls nearly 12,000 science and engineering graduate students
- **The region grants master's and Ph.D.'s at a rate almost twice that of the national average**
- Region graduates 10,000 degreed engineers and technicians annually
- Over 350 labs and research facilities in the state are devoted to industrial and manufacturing technologies.

Macomb County is home to the U.S. Army TACOM facility, is one of the Army's largest weapon systems research, development, and sustainment organizations. Some 7,500 personnel – primarily Dept. of Defense civilian employees – are assigned to TACOM in Warren,

with several supporting elements co-located at Selfridge Air National Guard Base. TACOM's operations encompass approximately 500 acquisition programs valued at roughly \$30 billion, and include 3,200 product lines with 38,000 military equipment components. Also in Warren and co-located with TACOM is the **Army's Tank Automotive Research, Development and Engineering Center (TARDEC)** which focuses on advanced research & development for ground vehicles, alternative fuels, robotics and other systems.

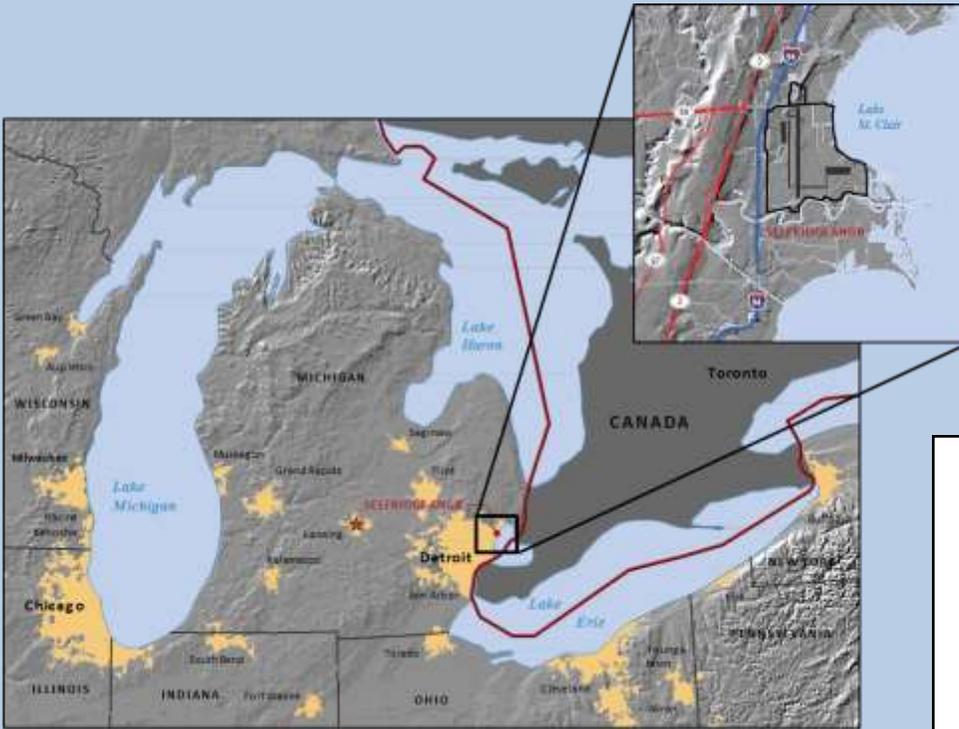
Macomb County and local community agencies provides many avenues of support for the defense industry, local veterans and service members assigned to the county. Those programs include:

Michigan Defense Center
Located at the Mac-OU Velocity Center, a local business incubator supported by Oakland University, the Michigan Defense Center provides resources and guidance to Michigan-based businesses to secure defense contracting opportunities to create jobs and increase **Michigan's share of defense business**. In a typical year, more than \$4.5 billion worth of defense contracts are awarded in Michigan, with more than 60 percent of that work located in Macomb County.

Macomb County Veterans Affairs Office

A county-funded resource for military veterans, this office provides information and support on topics such as health and educational benefits for veterans, programs to fight homelessness, military pensions for retirees and widows and veterans burial benefits.





Selfridge & Macomb County

Strategically located near five international, land border crossings

Marine access

Official Aerial Port of Embarkation

Access to regional airport hub and Interstates 75, 94 and 96.

130 Parks & more than 40 golf courses

County population: 854,769 (2013)

Median income: \$52,102

Avg. home value: \$139,200



Military Affairs Committee, Macomb County Chamber of Commerce

Provides synchronization and advocacy for military and defense industry activities in Macomb County.

Nearby Education Partners

Northwood University — offers associate and bachelor degree completion programs on Selfridge Air National Guard Base

Macomb Community College — **one of nation's largest community colleges**, offers tuition discount to military personnel

University Center at Macomb: Bachelor & master degree programs from 10 different universities

Oakland University — extension campus in Mount Clemens

Military Heritage Honored

Macomb County is home to three museums specifically created to honor our **nation's military**.

Selfridge Military Air Museum

Located on Selfridge Air National Guard Base, this facility features more than 30 aircraft and thousands of artifacts.

Michigan Military Technical & Historical Society

Located in Eastpointe, preserves the stories of Michigan citizens who served in every conflict from World War I to present.

Arsenal of Democracy Museum

Located in St. Clair Shores, honors the industrial might that helped America emerge victorious in World War II.



The Outdoor Air Park at the Selfridge Military Air Museum.



127th Wing & Selfridge ANGB

Michigan to the Nation

<u>Personnel Assigned</u>	<u>127th Wing</u>	<u>Selfridge*</u>
Active Military	148	504
Military Technicians	427	427
Traditional Guard/Reserve	885	2,602
Federal/State Civilian	308	1,249
Contractor	8	18
Foreign Nationals	0	4
TOTAL	1,776	4,357**

** Includes 127th Wing personnel*

*** Some individuals are counted in more than one category*

127th Wing 2015 Highlights

In the most extensive and complex series of deployments for the Michigan Air National Guard since the Korean War, both types of aircraft operated by the 127th Wing were in heavy use in 2015. The 127th Operations Group – including the 107th Fighter Squadron – and the 127th Maintenance Group, along with some additional supporting personnel, spent six months in the U.S. Central Command region in 2015. There, **the unit's A-10 Thunderbolt II** aircraft were actively engaged on a daily basis against ISIS and related adversaries. During the same time period, the 127th Air Refueling Group, including the 171st Air Refueling Squadron and the 191st Maintenance Squadrons, also deployed to Central Command, supporting a wide variety of combat and airlift operations. In all, more than 500 Airmen from the 127th Wing were deployed during the summer of 2015.



Other 2015 highlights:

- July visit to Selfridge by Gen. Frank J. Grass, chief of the National Guard Bureau and September visit by President Obama
- Support to Sabre Strike, a U.S. Army-led exercise base in Latvia
- Civil Engineer and Communications Squadron Airmen support Patriot 2015 exercise, a disaster readiness event in Wisconsin
- 127th Air Refueling Group and Wing headquarters personnel support Northern Strike exercise, a joint combat training exercise in northern Michigan
- Contract awarded for \$32M jet fuel storage & delivery system.
- Airfield management team named tops in the ANG.
- Opened recruiting office in Southfield.



Why I serve

After serving eight years in the active duty Air Force, Staff Sgt. Nick Smith of the 127th Logistical Readiness Squadron did not want to give it all up for pursuits in the civilian sector.

Rather than separating from the military Smith decided to continue his career as a member of the Michigan Air National Guard. Now he serves in the 127th Logistics Readiness Squadron at Selfridge Air National Guard Base.

Having a desire to complete his schooling and now taking on fatherhood responsibilities, Smith decided that becoming a traditional Guard member would make it possible to be successful in all areas.

“The Guard gives me the flexibility to attend school, support my family and still continue to serve my country,” Smith said.



A group of six members of the U.S. House of Representatives and one U.S. Senator with Major Gen. Gregory Vadnais, adjutant general of Michigan and other military leaders.



Vice President Joe Biden with Col. Rolf Mammen.

Distinguished Visitors 2015



The 2015 class of Leadership Macomb at Selfridge. All of the visits took place in September 2015.



**Gen. Frank Grass,
Chief, National Guard
Bureau, at Selfridge.**



President Obama and Dr. Jill Biden, wife of Vice President Joe Biden, talk with 127th Wing Command Chief Master Sgt. Robert Dobson at Selfridge.



**Macomb Community College
President Jim Jacobs with
Brig. Gen. Doug Slocum.**



Detroit Pistons players and staff
with 127th Wing leaders.

127th Wing



Mission: Trained, equipped and motivated air refueling, fighter and support resources serving the community, state and nation

Motto: “We Stand Ready”

Distinctive Capabilities: A complete global-reaching warfighting package highly demanded by combatant commanders; our A-10s, KC-135s & support personnel *Stand Ready* to answer any mission call.



The 127th Operations Group flies the A-10 Thunderbolt II attack aircraft. The group includes the 107th Fighter Squadron and 127th Operations Support Squadron. The group, comprised of approximately 75 Airmen, includes aircraft pilots, intelligence and life support specialists.



The 127th Maintenance Group is the focal point for the 127th Operations Group's combat sortie generation operations. The 127th MXG directs the efforts of more than 480 aircraft maintenance and support personnel to sustain a combat-capable squadron of A-10 Thunderbolt II attack aircraft. The 127th MXG ensures mission-capable aircraft are available to support the 107th Fighter Squadron's flying operations.



The mission of the 127th Medical Group provides highly trained professionals committed to medical readiness, homeland security and disaster response. The 127th MDG consists of approximately 70 Airmen and is made up of the Medical Operations and Medical Support flights. On any given UTA weekend the MDG can provide 200 to 300 physicals to include areas such as Preventative Health Assessments, dental, audiograms, optometry, vitals, vaccinations, and physician assessments.



Comprised of more than 425 Airmen, the 127th Mission Support Group provides personnel, communications, facilities, security, logistics and other support services at Selfridge Air National Guard Base. The 127th MSG is comprised of five squadrons, each assigned to a specific area of expertise required to operate an air base. Those squadrons are: 127th Civil Engineer Squadron, 127th Security Forces Squadron, 127th Logistics Readiness Squadron, 127th Communications Squadron and 127th Force Support Squadron.



The 127th Air Refueling Group draws its roots from the former 191st Group, which was consolidated with the 127th Wing in 1996. The 127th ARG provides air refueling operations, flying and maintaining the KC-135 Stratotanker. The group, comprised of approximately 310 Airmen, supports the Tanker Airlift Control Center and numerous worldwide combat deployments. The Group contributes to the nation's strategic nuclear readiness and also supports a variety of domestic missions.



Team Selfridge Commands



Air Force

127th Wing, Michigan Air National Guard
Joint Personnel Recovery Agency

Army

Army Aviation Support Facility # 2,
Michigan Army National Guard
Project Manager Joint Combat Support Systems
Project Manager Bridging Team
Tank Automotive Research, Development Engineering Center
Robotic Systems Joint Program Office
Project Manager Petroleum and Water Systems
Area Maintenance Support Activity
134G

Navy

Naval Operations Support Center-Detroit
U.S. European Command Joint Analysis Center

Joint Reserve Intelligence Center-Detroit

Marine Corps

Marine Wing Support Squadron 471, Detachment B
Headquarters & Support Company, 1st Battalion/24th Marines

Coast Guard

Air Station Detroit

Homeland Security

Detroit Sector, U.S. Border Patrol
Great Lakes Air & Marine Branch, Customs & Border Protection

Other Agencies

STARBASE ONE
Army & Air Force Exchange Service
Defense Commissary Agency
Civil Air Patrol
U.S. Post Office



Why I serve

Airman 1st Class Jacob Cypert of the 127th Aircraft Maintenance Squadron said he was once rather shy and introverted. Serving in the Michigan Air National Guard has helped him grow in confidence, he said.

Following a suggestion from his father that he explore a military career, Cypert now serves as a munition systems apprentice, supporting A-10 Thunderbolt operations at Selfridge. He's using his military benefits to attend college and is interested in a career in the film industry in the future.

"He's driven and always positive," said Senior Airman Tamara Robinson, a co-worker.

Cypert said the key to his success has been his fellow Airmen in the munitions shop.

"I enjoy the people I work with and being part of the team," Cypert said.



August 2015: 300 Marine Corps Reservists board C-130s at Selfridge for a training exercise in California.

A-10 Summary of Events

The 107th Fighter Squadron, 127th Operations Group and 127th Maintenance Group spent over 220 days deployed in FY15 including three locations executing training, support and combat operations.

Operation Combined Resolve (21 Oct 14 – 10 Nov 15) – Spangdahlem AB, Germany

In the first joint deployment of the 127th Air Refueling Group and 127th Operations Group, 4 A-10s and 1 KC-135 deployed to Germany to support the Army in Operation Combined Resolve. This exercise hosts 24 partner nations in an air to ground exercise at the Joint Military Readiness Center at Hohenfels, Germany. The A-10s were able to provide close air support training for the joint terminal attack controllers embedded in the exercise from both special operations forces and conventional forces from these partner nations.

Snowbird (24 Jan 15 – 8 Feb 16) – Davis Monthan AFB, Ariz.

The 107th Fighter Squadron and supporting elements

returned to Tucson for two weeks of combat search and rescue upgrades and close air support training in preparation for the upcoming 6 month deployment to support Operation Inherent Resolve. During this time, the 107th flew CSAR missions with HH-60s also scheduled to deploy to the same Central Command area of responsibility ensuring increase Personnel Recovery capability for the entire AOR.

Operation Inherent Resolve (4 Apr 15 – 23 Oct 15) – Southwest Asia

The 107th deployed to support the fight against ISIS in Iraq and Syria for over 6 months. This was the first deployment by the Michigan Air National Guard to match the deployment duration of the Active Duty counterparts. During this deployment, the A-10s employed over 1,400 live bombs and Mavericks as well as over 16,000 rounds of 30mm ammunition. They flew over 1,600 sorties and over 11,000 hours in support of ISF, YPG, and Kurdish Peshmerga forces in Syria and Iraq.



127th Maintenance Group crew chiefs prepare for a launch at Selfridge.

127th Operations Group in Southwest Asia, summer 2015.



Michigan ANG A-10 Operations

Flying the A-10 Thunderbolt II, the 107th Fighter Squadron is one of the oldest flying units in the U.S. Air Force. Known as "The Red Devils," the squadron has served on multiple deployments in recent years, including launching aircraft to defend sovereign U.S. airspace on Sept. 11, 2001.



The 107th Fighter Squadron is a component of the 127th Operations Group of the 127th Wing and is a part of the Michigan Air National Guard. The unit is based at Selfridge Air National Guard Base and is comprised of approximately 28 pilots and 45 support personnel. The 107th FS is closely supported by the 127th Maintenance Group which maintains the A-10 aircraft assigned to Selfridge.

Major Deployments

2015: Central Command Area of Operations. Primary aircraft: A-10

2011-12: Kandahar, Afghanistan. Primary aircraft: A-10.

2007: for Operation Iraqi Freedom based at Balad Air Base. Primary aircraft: F-16

2004: for Operation Iraqi Freedom as the first USAF F-16 unit based in Iraq, at Kirkuk Air Base (the unit participated in the Battle for Fallujah). Primary aircraft: F-16

2003: Incirlik, Turkey, in support of Operation Northern Watch -- which marked the first time since World War II the unit dropped weapons (over Iraq). Primary aircraft: F-16

History

The 107th was first organized as the 107th Aero Squadron at Kelly Field, Texas, on 27 Aug. 1917 in response to the U.S. entry into World War I earlier that year. The unit was demobilized and disbanded in March 1919, following the conclusion of the war.

In 1925, a squadron of 20 officers and 90 enlisted men began meeting weekly in a Detroit garage and created the Michigan National Guard's first flying unit. On 7 May 1926, the unit received federal recognition and was designated the 107th Observation Squadron. Through more than 20 major aircraft and related name changes, the unit has been in operation as the 107th ever since.

After more than 40 years of operations at Detroit-Metropolitan Airport, the unit has been assigned to Selfridge since 1971. It was designated as the 107th Fighter Squadron on 15 March 1992 and began flying the A-10 Thunderbolt II on 2 May 2009.

KC-135 Summary of Events

Tanker Airlift Control Center
Ongoing missions supporting AMC's Tanker Airlift Control Center including Fighter CONUS and OCONUS Coronet drags, Aeromedical Evacuation, and Business Effort Aerial Refuelings

Deployment, Summer 2015
Deployed 57 members to CENTCOM to support Air Expeditionary Force rotation. Flew 312 missions and 2179.6 combat hours in support of Operations Enduring Freedom and Inherent Resolve, transferring 8.28 million pounds of fuel

European operations, Spring 2015
Sent one crew and aircraft to Latvia to support annual NATO exercise, Saber Strike; Sent one crew and

aircraft to Spangdahlem, Germany, to support multinational exercise Combined Resolve

Pacific Operations, Winter 2014
Deployed 6 crews and 23 staff / leadership to PACOM theater of Operations 28 October 14 thru 3 December 2014

Operational Readiness Inspection, September 2015
ORI: Operations earned a score of Outstanding. All available qualified crewmembers were tested and received a score of 100% in two separate evaluations. The Air Mobility Command Inspector General noted that this has never been previously accomplished. IG also noted the "near flawless performance" of Operations throughout the remaining 3 days of inspection.





Michigan ANG KC-135 Operations

Operating from Selfridge Air National Guard Base and flying the KC-135T Stratotanker, the 171st Air Refueling Squadron provides global reach for the deployment of U.S. air power. The squadron has deployed Airmen and aircraft to locations around the globe on an ongoing basis since it began operating the KC-135 in April 2008.

A component of the 127th Air Refueling Group and 127th Wing, the squadron is a part of the Michigan Air National Guard, supporting the mission of the Air Mobility Command. To accomplish its mission, the squadron works closely with the 191st Maintenance Squadron, the 191st Aircraft Maintenance Squadron and the 191st Maintenance Operations and Operations Support flights.



Major Deployments

Recent major deployments by the 171st ARS and supporting units include:

2015: Central Command Area of Responsibility.

2010-present: Deployments in support of Pacific Air Command

2009-present: Deployments in support of Air Mobility Command's Tanker Airlift Control Center (TACC), including aeromedical evacuation duty.

2011-2014: A series of ongoing, rolling mobilizations in support of Central Command

2011: Operation Odyssey Dawn (Libya)

History

Prior to taking on the KC-135 mission, the 171st ARS was known as the 127th Airlift Squadron and flew C-130 Hercules tactical cargo aircraft for about 15 years. The unit's final major deployment with the C-130 came when most of the squadron spent the last six months of 2006 in Afghanistan.

The 171st ARS traces its history back to World War II. In 1943, the 374th Fighter Squadron was created to fly the P-47 Thunderbolt in the European Command. In 1946, after the conclusion of the war, the unit was redesignated as the 171st and assigned to the Michigan Air National Guard. In the 1970s, operating as a Fighter Interceptor squadron, the unit flew the F-106 Delta Dart and picked up a distinctive nickname - the Michigan Six-Pack. The 171st flew fighter aircraft from the time of the unit's inception through 1994, when it made the transition to the C-130. The Six-Pack nickname - and the unit's black and yellow checkerboard tail markings - continue to be used by the Michigan ANG at Selfridge and can be seen in a distinctive design on the KC-135s stationed at the base. The unit's aircraft, the KC-135 "T" model, is distinct in that it is capable of carrying two different types of fuel, the JP-8 used by the KC-135 and either additional JP-8 to transfer to a receiving aircraft or a different type of fuel, such as a synthetic blend, for transfer.

Selfridge Airmen support disaster exercise

JULY 2015 -- Some four dozen Michigan Air National Guard Airmen helped prove that the National Guard is ready to roll during any kind of natural disaster during a major training exercise in Wisconsin.

The Selfridge-based Airmen from the 127th Civil Engineer Squadron and 127th Communication Flight helped support Patriot Exercise 2015 at Volk Field, Wisc., one of the nation's largest disaster readiness exercises. The exercise brought some 1,500 National Guard troops from 33 states to the air field, who worked in conjunction with sheriff deputies, local firefighters, Red Cross volunteers and others to enhance readiness to respond to a tornado, hurricane or other disaster.

"Just like professional sports teams who have spring training, we also need to practice," said Lt. Col. David "D.J." Spisso, a Georgia Air National Guard officer who served as the director of Patriot. "The first time you meet civilians in your community should not be when there's an event. You should practice before the event so that you know how the response will work."

Eight Airmen from Selfridge's 127th Communications Squadron worked with four other ANG coms squadrons to establish a communications network at the Wisconsin base that allowed all of the various units there to communicate with each other during the exercise. The Selfridge team helped install dozens of modems, phones and radio relays to facilitate the effort.

More than three dozen Airmen from the 127th CE Squadron provided power and life support to the operation, erecting tents, running power lines and providing on-call construction/repair services to the exercise's personnel.

Air National Guard personnel routinely exercise support to civil authorities in emergency situations as part of the Guard's state militia function. The exercise spanned the last two weeks of July.



Staff Sgt. Kevin Burch, a heating, ventilation, and air conditioning craftsmen and Staff Sgt. Richard Sanchez, an electrical power production craftsmen, both assigned to the 127th Civil Engineer Squadron, check the electrical power going to tents on an 806 generator at Volk Field Combat Readiness Training Center, Wis., during PATRIOT July 20, 2015.



Tech. Sgt. Derek Leppek, structures supervisor, 127th Civil Engineering Squadron, Selfridge Air National Guard Base, Mich., cuts tree logs into pieces during the PATRIOT 2015 exercise at Volk Field, Wis., July 22, 2015.

Fueling Selfridge — 127th LRS delivers

AUGUST 2015 — Aircraft and automobiles at Selfridge have something in common, they all run on fuel managed by the 127th Logistics Readiness Squadron. Without the 127th LRS, daily operations for the base would be severely limited.

Among many other things, the 127th LRS is responsible for fueling the KC-135 Stratotanker and the A-10 Thunderbolt II. When someone calls for gas, LRS delivers.

"Obviously, if aircraft don't have fuel they don't fly. It's easy to overlook just how dependent everything is on fuel," said Tech. Sgt. David Merchant, 127th LRS fuels distribution operator.

Fully loaded, a KC-135 can hold up to 203,000 pounds of fuel. On a typical day, the average load is around 40,000 pounds or 5,900 gallons of fuel. The amount of fuel a jet receives is dependent on what the mission requires. While the A-10 Thunderbolt II can hold a maximum capacity around 1,700 gallons, it usually never takes that much at one time. The jet is always topped off after it lands.

In September 2014, Selfridge, as well as the rest of the U.S. Air Force, switched from the JP-8 fuel over to Jet A+. The Jet A+ fuel has barely noticeable differences from the JP-8 and is now the current standard for the jet fuel used at Selfridge.

The 127th LRS doesn't actually own the fuel, they just manage it. It is owned by Defense Logistics Agency Energy. DLA Energy is an agency within the U.S. Dept. of Defense that provides supplies to the military services. Once LRS passes the fuel onto the receiving aircraft, they are then responsible for allocating costs.



A fuels truck makes a delivery to a KC-135 Stratotanker. Fully loaded, a KC-135 can hold up to 203,000 pounds of fuel, or almost 30,000 gallons.

Before the fuel reaches the jet on the flightline, it is accurately tested for any unwanted contaminants. The most common type of contaminant found in the fuel is some kind of dirt. Depending on where in the world the fuel comes from more sand, dirt or clay might be present.

"We test the fuel every day to ensure it is up to standards," said Staff Sgt. Joseph Fournier, 127th LRS fuels distribution worker.

Using a filtration system, a gallon of fuel is passed through a small piece of nitrocellulose paper which will collect any particles that pass through it. Once the paper dries, it is then weighed on an analytical balance -- a highly accurate scale capable of weighing particles small as 0.0001 g or 0.1 mg. The weight of the paper after having fuel pass through it determines how many particles are in the fuel.

Once the fuel has been tested and filtered it is then ready to be used in any of the aircraft here at Selfridge ANGB.

"The best part about the job is being able to provide clean quality fuel to the jet," said Senior Airman Jason Navarre, 127th LRS fuels distribution operator. "With the fuel we provide, they are able to safely complete the mission."

Selfridge Goes Green

Energy Projects

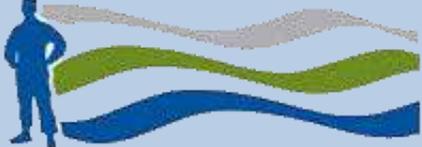
Investments in Energy Efficient Projects

Multiple HVAC Projects: Replace AC, Replace Boilers.....	\$625,000
Base Interior and Exterior Lighting Upgrades	\$325,000
Retro-Commissioning Phase 1 and 2.....	\$277,000
Utility Metering.....	\$25,000

Environmental Projects

DRMO Site Restoration.....	\$1.1 million
Invasive Species Control and threatened/endangered species projects	\$160,000

- *Recycling Program processed 150 tons of recycled material, saving approximately 450 cubic yards of landfill space*



I AM AIR FORCE ENERGY

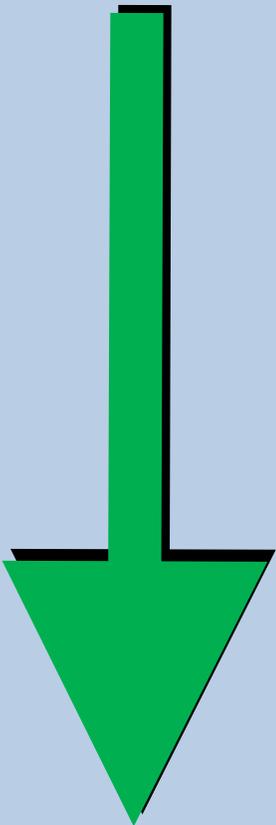
Energy Rebates for FY15
\$39,000

Energy Rebates since program began in 2010
\$198,000

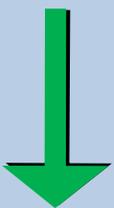
Hazardous Waste Reduced Down by 50%

Selfridge personnel reduced hazardous waste generation by 53% (over 6,000 pounds) when compared with previous years. This amount far exceeds the overall Air National Guard goal of 7% reduction for the same time period. This reduction involved a team effort by both Wing and tenant personnel.

A variety of techniques have been used to realize this significant decrease. Examples include an Air Force-wide substitution of gas mask filters with a non-hazardous replacement. In addition, local personnel substituted several solvent-based parts washers with water-based equivalents. Solvent from the remaining parts washers is now re-used instead of disposed as hazardous waste. Also, the base more efficiently procures hazardous materials resulting in less waste generated from expired unused material. Finally, Environmental Management personnel increased shop-specific waste education to minimize the amount of hazardous waste generated. These actions taken by base personnel resulted in material and cost savings as well as reducing hazardous waste generation over 50%.

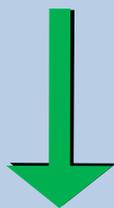


ENERGY REPORT CARD



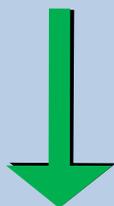
Electric Consumption, 2011-2015

- Consumption Reduced 11.7%
- Est. 12.1M KWH Saved
- Est. \$1.1M in Electric Utility Savings
- Average Number of Homes Powered by the Annual Electricity Reduction: 227



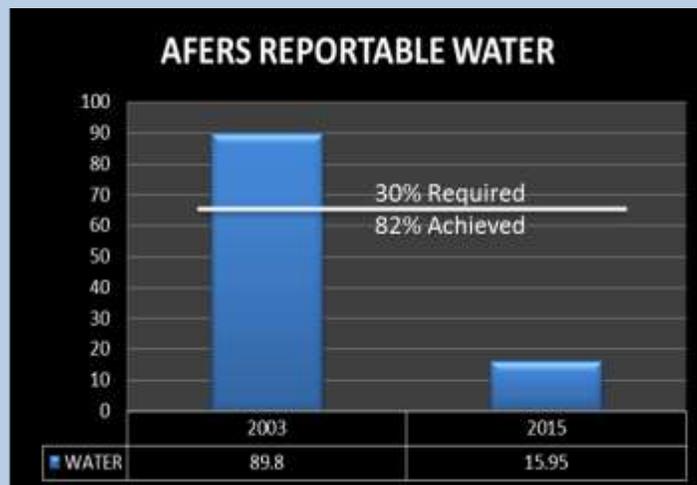
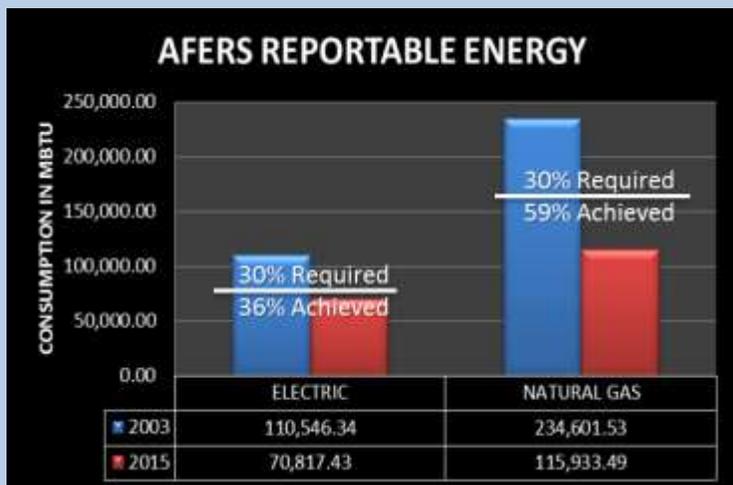
Water Consumption, 2011-2015

- Consumption Reduced 10%
- Est. 2.6M Mcf Saved
- Est. \$46,000 in Water Utility Savings



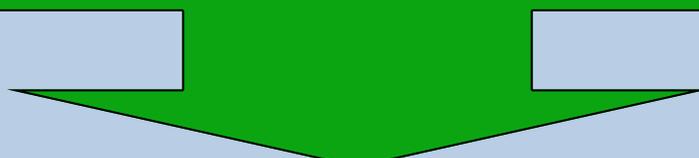
Natural Gas Consumption, 2011-2015

- Consumption Reduced 13.5%
- Est. 104,000 Mcf Saved
- Est. \$560,000 in NG Utility Savings
- Average Number of Homes Powered by the Annual NG Reduction: 378



*Overall Reportable Energy Reduced 59%
from 2003 Baseline*

Exceeded Mandate by 49%!!!





Comms Training

127th Communications Squadron Tech. Sgt. Steven Haven, above right, and Doug Shippy, above, along with other military and civilian members of the squadron receive training on safely climbing and working on communications towers in August 2015.





Sabre Strike 2015



At Sabre Strike 2015, clockwise from top, a Maryland ANG A-10 is refueled by a 127th Wing KC-135; Michigan National Guard leaders with Latvian President Raimods Veonis; 127th Wing Security Forces Airmen are joined by Latvian Security while on duty. Sabre Strike takes place annually in June and builds upon the long-term relationship between Michigan and Latvia in the State Partnership for Peace program.



Total 127th Wing
deployed personnel
fiscal year 2015:

649

Airmen



Why I serve

Airman 1st Class Chinyelu Umeokolo is from Nigeria and immigrated to the United States six years ago. "I am appreciative of the many opportunities the United States has to offer," she said.

She said that she wanted to serve the country as a way of saying thank you.

"The best part of my job is the interaction with people, I love to help," said Umeokolo, who is studying biology at Rutgers University and plans to attend medical school.

Umeokolo, who enjoys running to stay in shape, said that she now runs on streets far from the wildlife reserves and West African coastline where she grew up. She also likes to travel and take photographs.

"Umeokolo is a very excellent Airman," said Master Sgt. Roberta Fiery-Repic, medical's physical exam manager. "She has a lot on her plate and is doing an excellent job."

Around the Wing

First-time enlistments.....	45
New officer commissions	6
Re-enlistments/extensions	171
 Total meals served @ Dining Facility	 7,000
 Community College of the Air Force degrees earned.....	 28



2015 Expenditures

Contracting obligations

Macomb County:	\$1,827,584
Wayne County:	\$1,409,688
Oakland County:	\$4,776,575
Other Michigan:	\$2,633,370
Outside Michigan:	\$7,994,494
Total, above:	331 actions = \$18,641,711

Purchases made via Government Purchase Card:
 5,166 actions = \$2,137,520

Annual Payroll

Military Payroll:

- Active military:..... \$12,484,485
- All other military:..... \$32,266,347

Civilian Payroll: \$59,481,719

Total Payroll:..... \$104,232,551

Operations and Maintenance Appropriation
 Expenses (Less Civ Pay): \$25,390,886

Military Personnel Appropriation Expenses:
 2,210,375



Estimated Annual
 Economic impact
\$850
 million



Gym upgrade:

The “old” Selfridge gym was re-opened in 2015 after a refurbishing. The gym features a variety of exercise equipment.

Major Military Construction Projects

Replace Jet Fuel Storage Complex (project began in 2015, physical site work to begin in 2016)	\$32.6 million
Renovate Communications Network Facility.....	\$933,000
Taxiway and air field lighting upgrades.....	\$756,000
Demolition of excess facilities	\$713,000
Install new Mass Notification System	\$663,000
Repair Hangar 35 roof.....	\$600,000
Install new A-10 simulator	\$472,000

Total, Construction &
Facility Maintenance
Expenditures
\$41.8 million



Why I serve

Laying on his stomach, in an ice-cold compartment with a master sergeant just an inch or so away, Airman 1st Class Andre McClain made a critical connection.

A boom operator with the 171st Air Refueling Squadron at Selfridge, McClain performed an aerial refueling mission with a fighter aircraft for the first time ever in his two-and-half-month old career as a boom operator on Jan. 13, 2015.

"Yeah, it was a little nerve-racking," he admitted afterwards, standing in the rear of a KC-135 Strato-tanker, cruising somewhere above 20,000 feet over the state of Michigan.

McClain joined the Michigan Air National Guard about two years ago and worked initially as a personnel specialist in the 127th Force Support Squadron. When the opportunity to become a boom operator became available, he jumped at it.

"I have always wanted to be a flyer," McClain said.

127th Wing Operations — 2015

Includes combat operations & training

Total Fuel Transferred by
127th Wing KC-135s
>22 million pounds



Selfridge Air Terminal Operations

89 Missions / 2,230 Passengers / 625.1 Tons of Cargo

Includes operations at Selfridge, Grayling, Battle Creek, Mich.;

Key West, Fla.; Latvia & Germany



	Bombs	>3,100
A-10 Munitions	Rockets/Missiles	>400
Expended	30mm Gun	> 65,000 rounds



Aircraft @ Selfridge

127th Wing

A-10 Thunderbolt II	18
KC-135 Stratotanker	8

Army Aviation Support Facility #2

CH-47 Chinook Helicopters	6
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Coast Guard Air Station Detroit

HH-65C Dolphin Helicopters.....	5
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Customs & Border Protection Great Lakes Air & Marine Branch

UH60A Blackhawk Helicopters	2
AS3503 Helicopters.....	3
C550 Citation Airplanes.....	3
C-12C Airplanes	1



Why I serve

As the only optometry technician in the 127th Medical Group, Senior Airman Aalona Chandler meets almost everybody at Selfridge sooner or later.

I appreciate all the diversity we have in this wing," Chandler said. "You meet people from all walks of life."

Chandler provides visual acuity and color perception exams for Airmen, to ensure they are ready to deploy as needed.

Chandler said being in the Air National Guard has given him a leg up in his civilian career as a medical laboratory technician. Chandler is also a student at Ashford University in Ohio.

"Airman Chandler is terrific to work with," said Lt. Col. Dr. Nelson Edwards. "He's ambitious and very hard working."



ABOVE: Brig. Gen. Leonard W. Isabelle Jr., commander of the Michigan Air National Guard, welcomes home Selfridge Airmen following a 2015 deployment.



The 191st Maintenance Squadron de-ices a KC-135.

Honor Guard

The 127th Wing Honor Guard is made up of about 30 volunteer Airmen. The Honor Guard renders final honors at approximately 300 funerals per year and also provides support to many military and community functions.



Staff Sgt. Jesse Torma, 191st Maintenance Squadron, refuels a KC-135.

127th Medical Group Airmen and a Coast Guard member in a joint training exercise.



Selfridge Fire Department personnel conduct hazardous material training.



127th Wing * Selfridge Air National Guard Base
Annual Report 2015-2016