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# FY19 Annual Report

October 1, 2018- September 30, 2019

**127th Wing**

**Selfridge Air National Guard Base, MI**

## SELFRIDGE AIR NATIONAL GUARD BASE



Selfridge Air National Guard Base is the most diverse and complex Air National Guard facility in the nation. More than 25 different military, Dept. of Homeland Security and affiliated organizations have personnel assigned to the base. Another 50-plus organizations utilize the space for training, equipment storage or access the specialized services available at the base.

The base is home to more than 4,200 personnel, representing a broad spectrum of capabilities available to the National Command Authority. Air and Army National Guard units on the base maintain the legacy begun by the Minutemen at the country's founding, with Citizen-Airmen and Citizen-Soldiers serving both state and nation.

The base is comprised of more than 250 buildings on approximately 3,500 acres and features a 5,000-foot main runway, capable of handling the full spectrum of today's military aircraft.

The host unit at Selfridge is the 127th Wing, a component of the Michigan Air National Guard. The 127th is also the largest unit on the base, comprised of more than 1,700 personnel. Brig. Gen. Rolf Mammen serves as both the 127th Wing commander and the base commander.



Selfridge opened as Selfridge Field in 1917 as a training base for pilots and aircraft mechanics during World War I. It was named for Army Lt. Thomas E. Selfridge, Jr., the first member of the U.S. military to pilot an aircraft and the world's first casualty of an aircraft crash, which happened when Selfridge was on a test flight with Orville Wright near Washington, D.C., in 1908.

# 127TH WING SENIOR LEADERSHIP



**BRIG. GEN. ROLF E. MAMMEN**  
**127TH WING COMMANDER**



**COL. STANLEY J. KRASOVIC**  
**127TH WING VICE COMMANDER**



**CHIEF MASTER SGT. DANIEL N. MCDOW**  
**127TH WING COMMAND CHIEF**



**COL. JAMES ROSSI**  
**127TH AIR REFUELING GROUP COMMANDER**



**COL. NANCY M. DAKIN**  
**127TH OPERATIONS GROUP COMMANDER**



**COL. DAVID J. SPEHAR**  
**127TH MAINTENANCE GROUP COMMANDER**



**COL. DANIEL J. KRAMER II**  
**127TH MISSION SUPPORT GROUP COMMANDER**



**COL. MICHAEL J. KITTO**  
**127TH MEDICAL GROUP COMMANDER**



## **COMMANDER, 127th WING, SELFRIDGE AIR NATIONAL GUARD BASE**

Comprised of a Headquarters element and five Groups, the 127th Wing is home to more than 1,700 Citizen-Airmen operating both the A-10 and KC-135 aircraft, as well host to more than 66 tenant organizations from all armed services.

In FY19, Brig. Gen. Rolf E. Mammen took command of both the 127th Wing and Selfridge Air National Guard Base. Commissioned in 1986 through the Reserve Officer Training Corps at Michigan State University with a Bachelor of Science degree in Astrophysics, Mammen graduated from the Euro-NATO Joint Jet Pilot Training program at Sheppard Air Force Base, Texas in 1988. Afterwards, he served as an Instructor Pilot teaching advanced pilot training to students and instructors representing 12 participating NATO nations before joining the Michigan Air National Guard in 1994.

He deployed to Ali Al Salem Air Base Kuwait in 2004-2005 in support of Operations Iraqi and Enduring Freedom as the 738th Expeditionary Airlift Squadron's Operations Officer managing daily C-130 flying operation into Iraq and Afghanistan. In his civilian capacity, the general is a pilot with a major airline logging more than 10,000 flying hours in the B737, B757, B767 and the B777.

Mammen served as the Wing Inspector General, and has several years of command experience as 127th Maintenance Squadron Commander, 127th Maintenance Group Commander, and 127th Wing Vice Commander. Prior to his current assignment, Mammen was the Director of Operations, Headquarters Michigan Air National Guard, Lansing, Michigan.



*“Our culture must value the inclusion of every Airman, we must think of everything that every Airman brings to the table.”*



*-Brig. Gen. Rolf E. Mammen  
127th Wing Commander*



## OUR PEOPLE

### RECRUITING



In FY19, 127th Wing Recruiters **doubled** new accessions, increasing first-time enlistments by **107%** with **145** total first-time enlistments! New officer accessions totaled **14**.

### Community College of the Air Force

127th Wing saw **28** Airmen graduate from the Community College of the Air Force with their Associate's Degrees.





## OUTSTANDING AIRMEN OF THE YEAR

In January 2019, Staff Sgt. Jabett Glenn and Tech. Sgt. Jonathan Smaltz were selected as two of the four state Airman of the Year recipients. Selected as Wing-level award recipients for FY18, they went on to the state competition for the 2019 selection.

### Michigan Air National Guard 2019 Airmen of the Year



*“We are really here to recognize our finest Airmen in this Wing for everything they do. They are the **best representation** this year of how the 127th Wing is a center for performance excellence.”*

*Brig. Gen. Rolf Mammen  
127th Wing Commander*

For FY19, the Wing’s top individual members and groups were selected from a pool of approximately 25 individual nominees and four teams in five categories. Final award recipient decisions were based on superior leadership, job performance and overall achievement.



## FY19 WING OUTSTANDING AIRMEN OF THE YEAR



Winners were selected in the following five categories (pictured left to right):

### **Airman of the Year:**

Airman 1st Class Jenna Gleason, 127th Medical Group

### **Non-Commissioned Officer of the Year:**

Staff Sgt. Nathan Boyd-Cleaver, 127th Maintenance Group

### **Senior Non-Commissioned Officer of the Year:**

Senior Master Sgt. Joseph Crocker, 127th Mission Support Group

### **First Sergeant of the Year:**

Master Sgt. Akenty Frazer, 127th Operations Group

### **Company Grade Officer of the Year:**

Capt. Bryan Generaux, 127th Air Refueling Group

### **Commander's Trophy:**

127th Air Refueling Group Plans Team, represented by Maj. Chad Metiva.



## DEPLOYMENTS



*Members of the 127th Logistics Readiness Squadron's, Small Air Terminal successfully deployed **1,509** passengers on **14** worldwide missions, moving **245** tons of cargo.*





## COMBAT DEPLOYMENTS

*In support of **three** combat operations, the 127th Wing deployed **402** Wing members and **23** Virgin Islands Air National Guard members.*

### Operation Inherent Resolve (OIR)



On October 17, 2014, the Department of Defense formally established Combined Joint Task Force - Operation Inherent Resolve (CJTF-OIR) in order to formalize ongoing military actions against the rising threat posed by ISIS in Iraq and Syria.

### Operation Spartan Shield (OSS)



Through Operation Spartan Shield (OSS), Task Force Spartan maintains a U.S. military posture in Southwest Asia sufficient to strengthen defense relationships and build partner capacity.

### Operation Freedom's Sentinel (OFS)



After Operation Enduring Freedom formally ended 13 years of combat operations, the DOD established OFS marking a renewal of the U.S. commitment to work with Afghanistan for an enduring security capacity. Also part of the NATO-led Resolute Support Mission, OFS has two components: counterterrorism and working with allies.

## HOMETOWN HEROES HOTLINE

**Hometown Hero Hotline**  
**586-239-4567**

- 24/7/365 Access to Wing Leadership
- Access to Wing and Community Supporting Agencies
- Contact with emergency resources

\*For Families of Deployed 127th Wing Airmen

Constantly looking for new and innovative ways to take care of families, operationalize expeditionary readiness, and enrich community partnerships, 127th Wing leadership developed what is believed to be the first National Guard emergency hotline manned 24 hours a day to support families of deployed Airmen. Launched in conjunction with military, state and local community organizations to establish a unique response for spouses of deployed service members.



*“Without properly mentored, trained and equipped people, we can’t achieve warfighting excellence.”*

*-Brig. Gen. Rolf E. Mammen  
127th Wing Commander*





## HAWGSMOKE 2018

In October 2018, members of both the 127th Operations and 127th Maintenance Groups travelled to Whitman Air Force Base, Missouri, to participate in the ninth biennial “Hawgsmoke” competition.



Descended from the Air Force’s “Gunsmoke” competition and held irregularly between 1949 and 1995, the inaugural Hawgsmoke was held in 2000 at the Alpena Combat Readiness Training Center, Alpena, Michigan.

By the end of the three-day long series of events, the group amassed **five** awards and placed in **three** events in the A-10 bombing, missile and tactical gunnery event

competition.



Highlights include:

### **Robert “Muck” Brown Trophy**

For top-performing pilot, Lt. Col. Bart “Shrek” Ward (pictured left)

### **Nasty Hawg Award**

For having the dirtiest and therefore, best maintained aircraft in the fleet

### **Coolest aircraft in the fleet**

For the Centennial painted A-10

### **Third Place in Team Maverick Competition**



## 107TH FIGHTER SQUADRON

### A-10 THUNDERBOLT II ATTACK JET



With initial delivery to the Air Force in 1975, the upgraded A-10 Thunderbolt II reached initial operation capability in September 2007. The A-10's combination of large and varied ordnance load, long loiter time, accurate weapons delivery, austere field capability and survivability has proven invaluable to the U.S. and its allies.

**Thrust:** 9,065 pounds per engine

**Wingspan:** 57 feet, 6 inches

**Weight:** 14.5 - 25.5 tons

**Speed:** 450 Knots

**Range:** 2,580 miles

**Ceiling:** 45,000 feet

*In FY2019, the 107th Fighter Squadron flew **8,211** hours in both training and combat missions.*



# 107TH FIGHTER SQUADRON

## ARMAMENT CAPABILITIES



**Autocannon:**

The GAU-8 Avenger, located beneath the nose of the aircraft, is a 30mm, hydraulically-driven, seven-barrel Gatling-gun

**Mixed ordnance pylon stations:** Eight under-wing and three under-fuselage

**Bombs:** Mk-83 (500lbs), Mk-84 (1-ton), incendiary cluster bombs, laser and electro-optically guided bombs

**Missiles:** AGM-65 Maverick, AIM-9 Sidewinders

**Rockets:** 2.75", illumination flares

**Other:** Combined-effects munitions, mine-dispensing munitions, Infrared countermeasure flares, countermeasure chaff and jammer

### FY19 Munitions Expenditure

	Training	Combat
30mm Rounds	45,000	16,000
Unguided Bombs	800	0
Guided Bombs	30	150
Rockets	230	80



# 171ST AIR REFUELING SQUADRON

## KC-135 STRATOTANKER



Providing the core aerial refueling capability for the U.S. States Air Force, the KC-135 Stratotanker has served in this role for more than 60 years. The KC-135 also has capabilities to transport litter and ambulatory patients using patient support pallets during aeromedical evacuations.

**Thrust:** 21,634 pounds per engine

**wingspan:** 130 feet, 10 inches

**Weight:** Up to 161.25 tons

**Speed:** 460.6 knots

**Range:** 1,500 miles- 11,000 miles

**Ceiling:** 50,000 feet

*In FY2019, the 171st Air Refueling Squadron flew **3,957.5** hours, accomplishing **559** sorties.*



## 171ST AIR REFUELING SQUADRON

### REFUELING CAPABILITIES

Nearly all of the KC-135's internal fuel can be pumped through the flying boom, the primary fuel transfer method. One crewmember, known as the boom operator, is stationed in the rear of the plane and controls the boom during in-flight air refueling.

A special shuttlecock-shaped drogue attached to and trailing behind the flying boom may be used to refuel aircraft fitted with probes.



*In FY19, the 171st Air Refueling Squadron transferred approximately **11,502,000 lbs** of fuel to **793** receiving aircraft.*



## ECONOMIC IMPACT

<b>Payroll - Military Status: Active</b>	\$ 16,592,950
<b>Payroll - Military Status: Other</b>	\$ 34,020,094
<b>Payroll - Civilian</b>	\$ 61,664,952
<b>Operations &amp; Maintenance</b>	\$ 28,124,638
<b>O&amp;M - Military Personnel</b>	\$ 2,266,422
<b>\$ spent on GPC</b>	\$ 3,834,870

### CAPITAL IMPROVEMENT PROJECTS

Capital improvement projects are architectural, mechanical, electric and plumbing design projects, leading to construction work. These projects improve the infrastructure of the training facilities on base and enhance overall value of the installation.

*In FY19, the 127th Wing invested in **47** capital improvement projects, an investment of approximately **\$31.5 million**.*

### DESIGN PROJECTS

Design work was accomplished on 21 different capital improvement projects during FY19, totaling \$11,800,000 in investment.

### CONSTRUCTION PROJECTS

Construction work was accomplished on 26 different capital improvement projects during FY19, totaling \$19,700,000 in investment. Four projects were completed, three of which were worth more than \$500,000.

#### Completed Projects

- Taxiway Repairs- \$2.9 million
- Airfield Lighting Repairs- \$1.8 million



## SELFRIDGE INFRASTRUCTURE

<b>ACRES</b>	<b>3,075</b>
<b>BUILDINGS</b>	<b>266</b>
<b>RUNWAY/TAXIWAY/APRON</b>	<b>1,385,244 SF</b>
<b>AIRCRAFT PARKING RAMP</b>	<b>1,041,900 SF</b>
<b>ROADS</b>	<b>23.5 MILES</b>



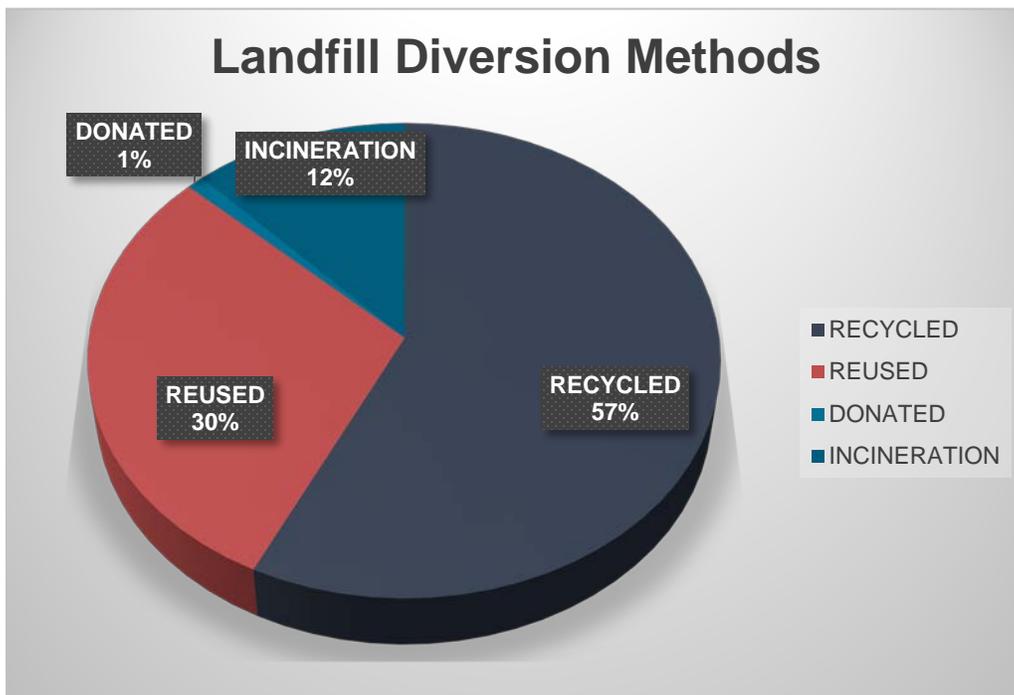


# ENVIRONMENTAL IMPACT

## QUALIFIED RECYCLING PROGRAM

Selfridge Air National Guard Base’s QRP, managed by the 127th Civil Engineering Squadron’s environmental team, utilizes multiple methods to divert waste from landfills.

*In FY19, the 127th Wing diverted approximately 40% of non-hazardous waste away from landfills, totaling of 455.9 tons!*



**Recycling:** Selfridge has operates an on-base recycling center, material recovery facility.

**Reusing:** Currently, wood pallets are reused, diverting hundreds of ton of landfill waste

**Donation:** Food items donated by the Commissary assists in reducing contribution to landfill

**Incineration:** Non-hazardous waste incinerated through environmentally clean methods

**Waste-to-Energy:** Selfridge sends post-storm tree refuse to companies that can convert it into energy

## REMEDIAL PROJECTS (NGB FUNDED)

In conjunction with the Air Force, the National Guard Bureau continues taking steps to protect the environment by funding long-term studies, monitoring and remediation projects at Selfridge Air National Guard Base.

In FY19, the 127th Wing was funded by NGB for the following projects, continuing into FY20

1. Storm water runoff - \$1.25 million
  - a. Impact study
  - b. Treatment system pilot study
2. Remediate area on base formerly used for explosive ordnance detonation - \$7 million



## TEAM SELFRIDGE BY THE NUMBERS

### May 2019

	<b>ACTIVE</b>	<b>GUARD</b>	<b>CIVILIAN</b>	<b>CONTRACTOR</b>	<b>OTHER*</b>	<b>TOTAL</b>
<b>AIR FORCE</b>	206	1,244	616	20	84	<b>2,170</b>
<b>ARMY</b>	12	106	408	0	147	<b>673</b>
<b>NAVY</b>	20	550	3	0	0	<b>573</b>
<b>MARINES</b>	58	300	1	0	0	<b>359</b>
<b>COAST GUARD</b>	106	0	4	0	0	<b>110</b>
<b>DHS</b>	0	0	212	6	0	<b>218</b>
<b>OTHER*</b>	4	0	263	0	192	<b>459</b>
<b>TOTAL</b>	<b>406</b>	<b>2,200</b>	<b>1,507</b>	<b>26</b>	<b>423</b>	<b>4,562</b>

\*Other personnel listing includes:

- 45 Civil Air Patrol Auxiliaries (Air Force)
- 39 Civil Air Patrol Cadets (Air Force)
- 27 seasonal employees of Army Morale Welfare & Recreation
- 120 children at the Army FMWR Child Care Center
- up to 72 patients at the Eisenhower Center
- 50 volunteers at the Selfridge Military Air Museum
- 70 students at STARBASE

