



2020

127TH WING FY20 ANNUAL REPORT

WE STAND READY.



OUR MISSION

Flying two aircraft missions, the Michigan Air National Guard's 127th Wing is one of the most complex units in the U.S. Air Force. As a component of the Michigan Air National Guard, the Wing has a dual state and federal role and stands ready to serve both at home and abroad.

As the host unit of Selfridge Air National Guard Base's joint service installation, the 127th Wing supports more than 70 tenant units, flying operations of the Border Patrol, Coast Guard and Michigan Army National Guard, a full-time work force of approximately 2,500 and a traditional Guard/Reserve force of 2,200 personnel.

The 127th Wing's airfield and facilities are constructed and maintained at a level that allows for expansion, improvement, and future missions.

The 127th Wing operates KC-135 Stratotankers, providing global aerial refueling capability and the A-10 Thunderbolt II, flying the close air support mission.

***To provide trained, equipped
and motivated air refueling,
fighter and support resources
to serve the community, state,
and nation.***





Brig. Gen. Rolf E. Mammen
Wing Commander



Col. Alice Clark
Vice Wing Commander



Chief Master Sgt. Richard Gordon
Wing Command Chief



Lt. Col. Michael Urban
127th Air Refueling Group



Col. Michael Kitto
127th Medical Group



Col. David Spehar
127th Maintenance Group



Col. David Kramer
127th Mission Support Group



Col. Mathew Robins
127th Operations Group

HIGHLIGHTS

OCTOBER 2019

ANNOUNCED:
2020 Open House & Air Show,
winners of commemorative coin
design contest



DECEMBER 2019

AWARDED:
127th Wing's Outstanding
Airmen of the Year
selected for 2019



FEBRUARY 2020

NEW SENIOR LEADERS:
Col. Alice Clark assigned
Vice Wing Commander,
Chief Master Sgt. Richard
Gordon assigned as Wing
Command Chief



NOVEMBER 2019

RIBBON CUTTING: New
Airmen Wellness Center
facility housing
psychological health, family
and spiritual resources for
Airmen



JANUARY 2020

SUPPORTED:
President Trump's visit to
Selfridge, one of seven
presidential support missions
this fiscal year



MARCH 2020

MISSION:
127th Wing Airmen support
COVID-19 response across the
State



APRIL 2020

NAMED:
127th Comptroller Flight, Best in
Air National Guard



JUNE 2020

CHANGES OF COMMAND:
The 127th Air Refueling Group
honored four squadron commanders
during a planeside ceremony.



AUGUST 2020

REDEPLOYMENT:
127th Air Refueling Group members
return from combat deployment



MAY 2020

COMMUNITY SUPPORT:
Michigan Strong Flyovers engage
Michigan citizens, thanking front
line workers



JULY 2020

MISSION:
Aircraft and personnel participated in
Northern Strike 2020, the nation's largest
joint, reserve-component exercise.



SEPTEMBER 2020

SUPPORT:
Thunderbirds and five other demo teams
for London Air Show



READINESS

PEOPLE

CULTURE



Brig. Gen. Rolf E. Mammen shared the 127th Wing command's 2020 priorities during the annual Wing address on Dec. 8, 2019.

The commander of both the 127th Wing and Selfridge Air National Guard Base said that all members will focus on readiness, people and organizational culture in the coming year. While the first two are sustaining goals that will always be a focus, Mammen said that the known power of the Air Force is a deterrent to our adversaries.

"Without properly mentored, trained and equipped people, we can't achieve warfighting excellence," Mammen said.


"We can't do any of this without a culture that values excellence, integrity and service."

Mammen has spent time steeping himself in the results of the initial climate survey conducted Wing-wide to meet an Air Force equal

opportunity requirement. The survey questions help leadership paint a picture of the emotional and social wellbeing of Airmen, asking questions about how members view their futures, overall outlook on their lives and the sense of community and connectedness they have in work and at home.

"Our culture must value the inclusion of every Airman,,," Mammen said. "Ultimately, culture is about being that workplace of choice."





**"Our deterrence is equal to our capacity
times our will, as seen in the eyes and
hearts of our adversaries."**

– Brig. Gen. Rolf E. Mammen

READINESS =
Capacity
x Warfighting Excellence

WHO WE ARE

The 127th Wing is comprised of five groups and a headquarters element, with **1,406** Airmen serving as of September 30, 2020.

The Wing supports **61** members of the Virgin Islands Air National Guard, bringing the total Airmen population to **1,467**.

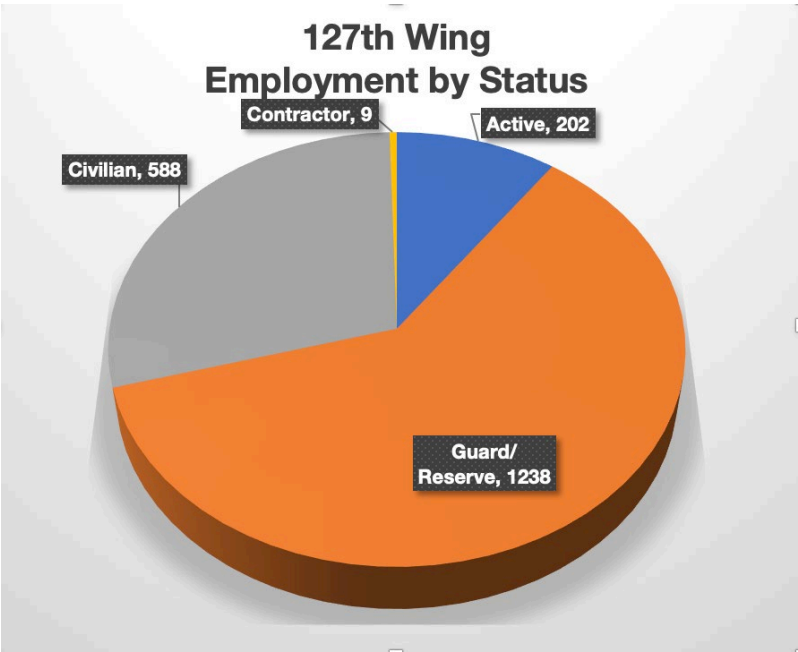
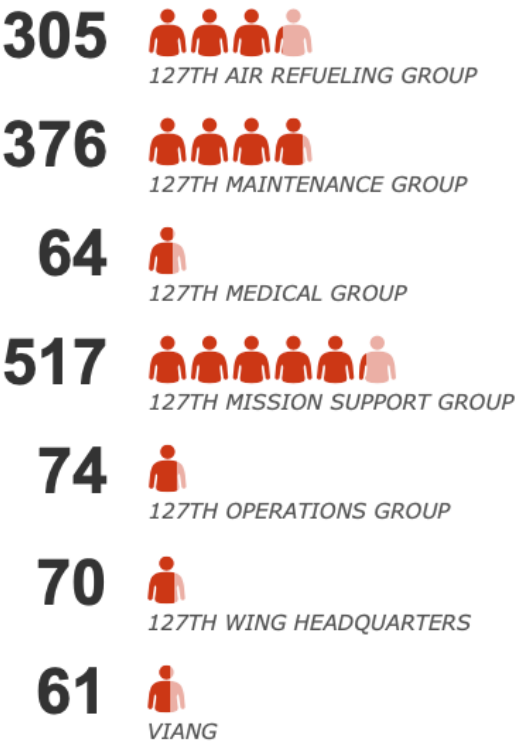
2,064

Total 127th Wing Workforce

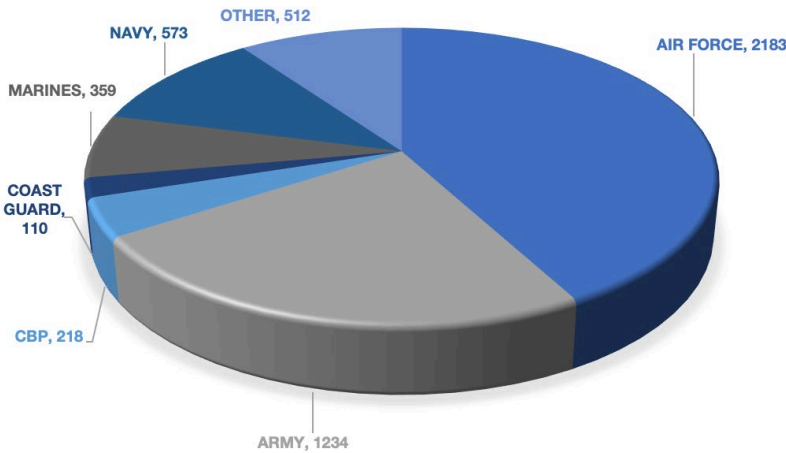
Of these 1,467 Airmen, 202 are active-guard-reserve.

The Wing also employs **588** civilians and **nine** contractors.

Uniformed Population By Group



BASE POPULATION BY BRANCH



In addition to the 127th Wing's A-10 and KC-135 flying missions, Selfridge is home to three additional flying missions, housing 48 aircraft in total:

- Michigan Army National Guard Aviation Support Facility #2



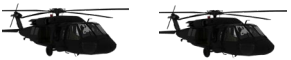
- U.S. Coast Guard Air Station Detroit

(5) HH-65 Dolphin



- DHS Great Lakes Air & Marine Branch

(2) UH-60 Blackhawk



(3) AS-350 A-Star



(2) Super King Air 350ER



(1) Cessna C-206



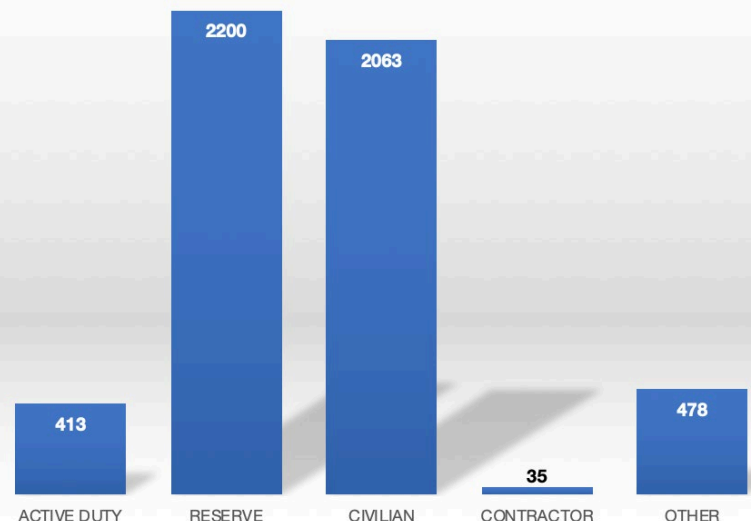
Selfridge Air National Guard Base hosts more than **70** tenant organizations, from every branch of the military and the Department of Defense.

	Active	Reserve	Civilian	Contract	Other
AIR FORCE	206	1244	620	29	84
ARMY	19	106	956		153
CBP			212	6	
COAST GUARD	106		4		
MARINES	58	300	1		
NAVY	20	550	3		
OTHER	4		267		241
TOTAL	413	2200	2063	35	478

5,189

Total Base Workforce

BASE POPULATION BY STATUS



***TOTAL FY20
Expenditures
\$159,545,967***



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.

Largest Projects	
Type of Work	Cost
Taxiway Repairs	\$ 5.5 MM
Concrete Repairs	\$ 1.09 MM
Repair Multiple Roofs	\$ 547 K
Parking Lot Repairs	\$ 437 K

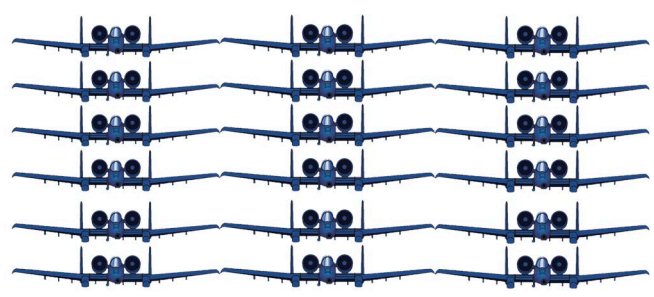
A-10 OPERATIONS

The 127th Wing operates the A-10 Thunderbolt II, flying the close-air support mission in support of combatant commanders.

The Wing also manages airfield operations and air traffic control. Radar and approach control provides air traffic control to all national airspace users over an area of 3,100 miles.










18



- **3,394** Hours Flown
- **1,969** Sorties



Ordnance Expended:

-  Practice Bombs BDU-33: 1,826
-  Mark-82 Bombs: 63
-  2.75 Rockets: 125
-  Laser-guided GBU-12 bomb: 27
-  Joint Direct Attack Munitions: 6
-  AGM-65 Missile: 12
-  30MM Rounds: 118,170

141

Transient
Aircraft Hosted

26,905

Air Traffic
Control Operations

4,041

Flight Plan
Inputs

KC-135 OPERATIONS

Flying the KC-135T Stratotanker, the 127th Air Refueling Group supports and provides global reach for the deployment of U.S. air power, flying refueling missions in support of combatant commanders.



8



- **2,043** Hours Flown
- **439** Sorties



Members deployed to support:

- ✈ PACOM (60 days)
- ✈ CENTCOM (120 days)
- ✈ EUCOM (15 days)

803,860
Pounds of Fuel
Transferred

DEPLOYMENTS

In FY20, the Logistics Readiness Squadron's Small Air Terminal processed and deployed **205** passengers to **two** states and **five** countries.

Of these, **124** passengers were deployed overseas in support of **three** combat missions.

- Operation Inherent Resolve
- Operation Spartan Shield
- Operation Freedom's Sentinel



Base Infrastructure

Total Area	3,075 Acres
Number of Buildings	262
Runway/Taxiway	31.8 Acres
Aircraft Ramp	23.9 Acres
Roads	23.5 Miles



Members of the roads and grounds crew mowed 3,000 acres of grass, helping to reduce avian population in support of the Air Force's Bird/Wildlife Aircraft Strike Hazard program.

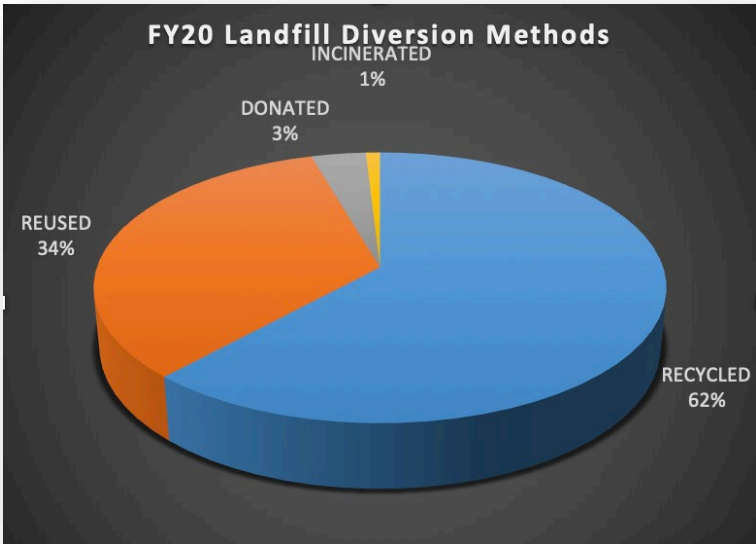


Members of the roads and grounds crew distributed 900 tons of road salt on runways, taxiways, ramps and roads in FY20.

USAF Photo by Terry L. Alwell

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

- In FY20, the 127th Wing diverted **42%** of non-hazardous waste from landfills, a total of **396 tons** through various programs.



Remediation Projects

- The 127th Wing invested a total of **\$2.6 million** in environmental remediation projects.

<u>FY19 - Continuing into FY20</u>	<u>FY19 Cost</u>	<u>FY20 Cost</u>
Storm Water Runoff Program	\$650,000	\$600,000
Impact Study	\$650,000	\$100,000
Treatment system pilot study		\$500,000
Remediate Explosive Ordnance Disposal area	\$1,200,000	\$1,200,000
Long Term Monitoring		\$61,000
Local Environmental Office		\$70,000
Building 1533 Underground Storage tank		\$52,000



HISTORY

The origins of the 127th Wing and Selfridge Air National Guard Base date back to the days of Wilbur & Orville Wright. The base's namesake, Army Lt. Thomas Selfridge, the first fatality in powered flight, was killed while flying on a demonstration flight with Orville Wright in 1908. In 1917, a local auto pioneer, Henry B. Joy, leased his rural airfield near Detroit to the military to train pilots and related personnel. The military has operated the field ever since.

During World War II, maintenance personnel of the famed Tuskegee Airmen, an all-African American unit, trained at the base and helped lead the way toward the ending of racial segregation in the military. During the Cold War era, Nike missiles were stationed at the base to guard the industrial might of the Detroit region. Following the terror attacks of Sept. 11, 2001, the 127th Wing began flying combat air patrol missions over the Great Lakes region within hours of the attack. The Wing maintained that 24-hour mission until 2008, when the Wing transitioned to its current flying missions with the KC-135 and A-10.

Over the years, dozens of different types of aircraft have been assigned to the base. Examples of many of these aircraft, as well as related memorabilia are on display at the Selfridge Military Air Museum, which is located on the base and is open to the public. The base is also home to the first Starbase center, a program created at Selfridge and later replicated around the Department of Defense, which encourages school age children to study math, science, and technology by introducing them to elements of the U.S. space program.



Valued
Professional
 Accepting
 Caring **Fair** Inspiring
 Transparent Connected Cohesive
Proud Inclusive
 Diverse Trustworthy Equitable
 Open **Family** Respectful
 Understanding Progressive
Accountable Strong
 Resilient **United** Fun
 Effective Supportive **Positive**
Excellent Honest
 Efficient Motivated **Team**

Our Culture
 Diversity in Counsel
 Unity in Command





Learn more about the 127th Wing!

Website	www.127wg.ang.af.mil
DVIDS	www.dvidshub.net/unit/127WPA
Facebook:	127thWing
Youtube:	127WG