



127th Wing
FY18 Annual Report
Oct. 1, 2017-Sept. 30, 2018





From the Wing Commander

Our youngest recruits can quickly name two of the Michigan Air National Guard's primary missions: to fight America's wars and to secure our homeland. In fact, for many of the young men and women who enlist in the National Guard, these missions are what drew them to the Guard in the first place. They already know of the critical role the Guard plays internationally or here at home. From news coverage of a major combat deployment or a response to a devastating hurricane, our newest Citizen-Airmen generally come to us with some knowledge of these two important missions.

As they begin serving here at Selfridge Air National Guard Base, these junior Airmen quickly become aware of the National Guard's third mission: building enduring partnerships.

Our most critical and important partnership is with our local community. It is in the local community where our Citizen-Airmen work and attend college when they are not serving in their military status. Not surprisingly, the bulk of the Air National Guard personnel at the base, along with the Soldiers, Sailors, Marines, Coast Guardsmen and federal agents who make up Team Selfridge, live within a 50-mile radius of the base.

Most importantly, it is from that same local community where we recruit the bulk of those young patriots who become American Airmen.

It is imperative that we continue to strengthen the 100-year partnership that Selfridge has enjoyed with the Mount Clemens community and beyond.



Brig. Gen. John D. Slocum,
Commander

107TH FIGHTER SQUADRON



U.S. Air National Guard photo by Munnaf Joarder

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.

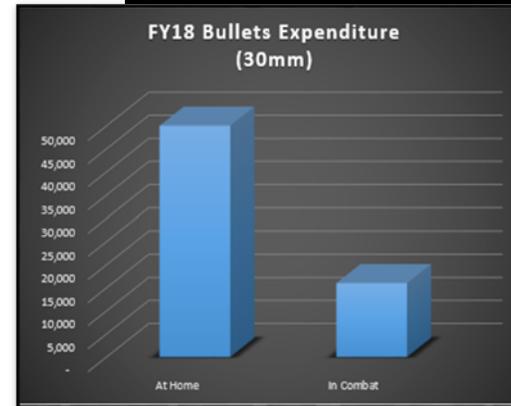
- Thrust:** 9,065 pounds per engine
- Wingspan:** 57 feet, 6 inches
- Weight:** 14.5 - 25.5 tons
- Speed:** 450 Knots
- Range:** 2,580 miles
- Ceiling:** 45,000 feet



FY18 MISSION DETAILS

Hours flown: 4,021
Sorties accomplished: 2,114

ARMAMENT CAPABILITIES



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

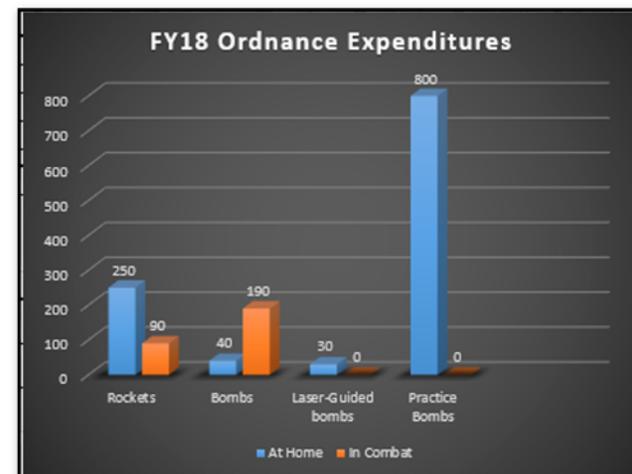
Mixed ordnance pylon stations:
 Eight under-wing and three under-fuselage

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



171ST AIR REFUELING SQUADRON



U.S. Air National Guard photo by Terry Atwell

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



FY18 MISSION DETAILS

Hours flown: 1,275.5
Sorties accomplished: 434

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.



U.S. Air National Guard photo by TSgt. Dan Heaton

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

In FY18, the 171st Air Refueling Squadron's eight aircraft fleet transferred approximately 1,575,900lbs of fuel to 637 receiving aircraft.

FY18 HIGHLIGHTS



U.S. Air National Guard Photo by Munnaf Joarder

(Photo Left) President Donald J. Trump waves to a crowd of more than 100 service members after landing at Selfridge on April 28, 2018. Air

Force One utilized the logistical and security network provided by Selfridge and the 127th Wing, the largest Air National Guard Base in the country.

(Photo Right) Several A-10 Thunderbolt II aircraft flew over the beaches of Normandy, France, as part of the ceremonies commemorat-



U.S. Air National Guard photo by Tech. Sgt. Dan Heaton

ing the 74th anniversary of the D-Day invasion during World War II. The 107th Tactical Reconnaissance Squadron flew multiple missions over Normandy during the lead up to D-Day and during the invasion itself. The flight during the commemoration represents the first assigned mission for the 107th in France since World War II. The unit also served in France during World War I.

FY18 HIGHLIGHTS

(Photo Right) Maj. Brett DeVries, left, is presented the Joe Foss Award for Excellence by Douglas Owens, right, national commander of the Order of the



U.S. Air National Guard photo by Master Sgt. David Kujawa

Daedalians, here on March 3, 2018. The award recognized DeVries for excellence in manned aerial flight after he successfully landed a damaged A-10 Thunderbolt II after a system failure caused the canopy to eject and landing gear to lock in the up position, among other issues.



U.S. Air National Guard photo by Master Sgt. David Kujawa

(Photo Left) Fredrick Henry and Harry Stewart, both documented original Tuskegee Airmen and WWII veterans, were honored during the renaming of Birch St. to, "Tuskegee Airmen Way" on February 27, 2018. Tuskegee Airmen were stationed at Selfridge during WWII, training pilots en route to overseas assignments. They were known for successfully escorting bombers during European missions.

ECONOMIC IMPACT

Annual Payroll

Military Payroll: 40,875,507
 Civilian Payroll: \$65,145,920
Total Payroll:..... \$106,021,427

Operations and Maintenance

Appropriation Expenses (Less Civ Pay): \$25,368,645
 Mil Personnel Appropriation Expenses: \$2,370,494

Government Purchase Card

4,706 total actions

Military construction projects



The \$32.6 million jet fuel storage project completed, two years after contracts were secured.

Capable of storing 630,000 gallons of jet fuel above ground, the new facility replaced a system installed in 1958.

It can facilitate refueling of any-sized aircraft in the U.S. Air Force fleet, even allowing for pump-side refueling, just like in a personal vehicle.

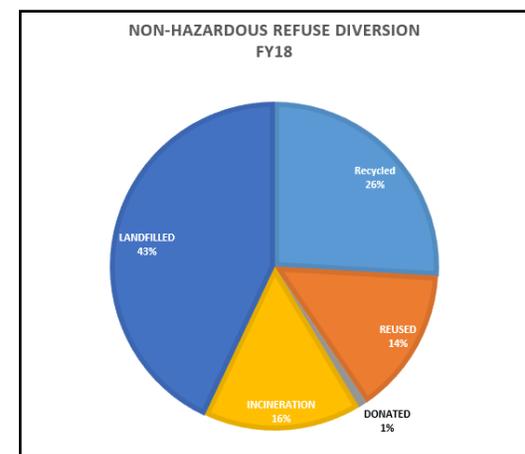
U.S. Air National Guard photo by Terry Atwell

ENVIRONMENTAL INITIATIVES

- ⇒ Readiness & Environmental Protection Integration Program
- ⇒ F-35 Environmental Impact Study
- ⇒ Former EOD Range Cleanup Activities\$7 million
- ⇒ Storm Water PFAS Study\$1.25 million

Basewide Recycling Program

During FY18, the program helped divert **632.33 tons** of non-hazardous refuse away from landfills via recycling, reuse, incineration and donation. Less than half of all refuse generated was sent to landfill.



SELFRIDGE INFRASTRUCTURE

Acres..... 3,075
 Buildings 266
 Runway/taxiway/apron..... 1,385,244 sq. ft.
 Aircraft parking ramp..... 1,041,900 sq. ft.
 Roads 23.5 miles

DEPLOYMENTS



U.S. Air National Guard photo by Master Sgt. David Kujawa

In support of 84 worldwide missions, members of the 127th Logistics Readiness Squadron successfully processed and deployed 2,422 Wing members and moved more than 295,000 tons of cargo.



U.S. Air National Guard photo by Master Sgt. David Kujawa

OUR PEOPLE



U.S. Air National Guard photo by Senior Airman Ryan Zeski

First-time enlistments.....	70
New officer commissions.....	23
Re-enlistments/extensions.....	210
Community College of the Air Force degrees earned.....	49



U.S. Air National Guard photo by Senior Airman Ryan Zeski

Members of the 127th Force Support Squadron served 6,107 meals in FY18.