

YOUR FORCE YOUR FUTURE

THE 180TH FIGHTER WING
2016 ANNUAL REPORT

CONTENT

- 2 2016 Highlights
- 8 Location & Infrastructure
- 9 Missions
- 10 Energy & Environmental
- 12 Deployment Overview
- 14 Community Contributions
- 16 Economic Impact
- 18 Personnel & Payroll
- 20 Commodities
- 22 Capital Assets
- 26 Achievements
- 28 History



Col. Kevin Doyle
Commander

The 180th Fighter Wing is the proven choice for the current fight. Always mission focused and equipped, we ensure the 180FW is the best valued fighter wing in the Total Force. Our commitment to being operationally ready and engaged enables us to continue delivering the strategic depth required to remain at the forefront of our nation’s defense.

2016 proved to be another exciting, and one of the most significant, years in our history. It was a

year filled with successful mission accomplishments, both at home and abroad, while also maximizing innovation and efficiency.

The men and women of the 180FW continue to make this wing a model to emulate and prove we remain a long-term solution in the Total Force, whether dedicating time and skillsets to the mission or volunteering countless hours to our youth and those in need.

Leading the way in enhancing innovation and efficiency, the

“Embedded in the fabric of our communities, the men and women of the 180FW strive to find innovative ways to strengthen relationships with and support those who do so much for us and this year was no exception.”

180FW volunteered to be the first Air National Guard wing to participate in a Sortie Production Assessment. The no-notice assessment of Air Combat Command inspectors focused on evaluating daily flying and maintenance operations, providing valuable feedback and recommendations geared to improving our overall processes and ensuring we remain the most lethal, innovative and efficient wing in the Total Force.

Flawlessly executing the mis-

sion, flying 2,485 missions totaling more than 4,100 flying hours, we also seamlessly coordinated and deployed more than 1,000 Airmen and the movement of approximately 115 short tons of cargo to 18 locations throughout the world. The 180FW continued to participate in exercises, maintaining training requirements and enhancing our overall operational readiness simultaneously.

Most notable was the wing’s first-ever Theater Security Pack-

age deployment in January. More than 200 Airmen, 12 F-16 Fighting Falcons and 100 short tons of cargo deployed to Andersen Air Force Base, Guam, to promote stability and security throughout the Indo-Asia-Pacific region and ensure our national interests abroad by providing influence and deterrence through force presence. While deployed in support of the TSP, Airmen also participated in Cope North 2016, an annual exercise designed to enhance mul-





Mission

Provide for America; protection of the homeland, effective combat power and defense support to civil authorities, while developing Airmen, supporting their families and serving in the community.

Vision

To defend freedom as the most lethal, innovative and efficient Fighter Wing in the Total Force!

Priorities

- 1. Execute the mission
- 2. Manage resources
- 3. Continuous organizational growth

Values

- 1. Integrity first
- 2. Service before self
- 3. Excellence in all we do

tilateral air operations between the U.S. Air Force, U.S. Navy, Japan Air Self-Defense Force and Royal Australian Air Force. Nearly 3,000 military personnel and 22 flying units from six countries participated in the exercise, promoting the growth of strong, interoperable and beneficial relationships within the region through integration of airborne and land-based command and control assets. The training increased combat capabilities by enhancing air superiority, electronic warfare, air interdiction, tactical airlift and aerial refueling between the participating nations. Additionally, 120 Stinger Airmen deployed throughout the year to 13 countries around the world, promoting security and stability in support of global and national security objectives. In June, we deployed more than 700 Airmen and 15 short tons of cargo to the Alpena Combat Readiness Training Center in Michigan to simulate and assess the ability of the 180FW to support the wing's federal mission of providing effective combat power to combatant

commanders. The wing prepared and generated aircraft, ensuring our readiness to deploy at a moment's notice to any location around the world. In July, many of our Airmen were also assigned to support the 2016 Republican National Convention, supporting security and logistical operations. The 180FW Medical Group joined forces with medical professionals from across the Ohio Air National Guard in July to conduct intensive training abroad. Working alongside their active duty counterparts, 25 Stinger Airmen enhanced hands-on skills in treating patients and training with the latest technology in the field while deployed to the Ramstein Air Base hospital, Germany. Here at home, our Stinger Airmen worked side-by-side with devoted community members to bring two of our biggest visions to reality: the 2016 Toledo Air Show and the Northwest Ohio 9/11 Memorial. The Air Show, absent from the Toledo skies for more than a decade, brought countless commu-

nity partners together with the 180FW, dedicating six months of planning, to bring the residents of the Northwest Ohio an air show to remember. The air show attracted more than 52,000 spectators and aviation lovers who directly contributed to the show's success, in turn allowing the Toledo Air Show Foundation to donate more than \$30,000 to charities, right here in Toledo. Activated and tasked to respond to the horrific attacks on our nation Sept. 11, 2001, the 180FW patrolled the skies in pursuit of additional aircraft that may have been linked to the ongoing attacks that day. The events of that day changed not only our country, but also our mission here at the 180FW. Our Stinger Airmen have come together to design a tribute to the lives lost. A memorial that represents a day in American history, a day that every American remembers to the minute, a day that changed American lives forever. It is you, our communities, who have made this vision, so near and dear to our hearts, a reality. In



September, we were honored to host a 9/11 remembrance ceremony, unveiling artifacts from the World Trade Centers, the Pentagon and the Pennsylvania field where Flight 93 crashed. Still under construction, the memorial is scheduled to be completed in 2017.

Embedded in the fabric of our communities, the men and women of the 180FW strive to find innovative ways to strengthen relationships with and support those who do so much for us and this year was no exception.

The 180FW is currently in the process of finalizing more than 30 partnerships within our surrounding communities as part of the Air Force Public-Public, Public-Private, or P4 program. Spearheading the program for the Ohio National

Guard, the 180FW is focused on building innovative relationships with community organizations and leaders to leverage capabilities of military installations, local governments and commercial entities to reduce operating costs and the costs of services while retaining or enhancing quality. The goal of the program in Northwest Ohio is to bring Air Force leadership and resource support to installation and community leaders as they develop, prioritize and implement partnership initiatives.

This year, our Airmen participated in more than 150 events within our communities from school visits and parades to collecting clothes, coats, toys and food for those less fortunate.

Committed to giving back to our

community, whose enduring support for our Airmen makes the 180FW mission possible, our Airmen dedicated countless hours to assisting those in need, right here in Toledo. They collected more than \$7,000 and 550 pounds of non-perishable food items for the Toledo Seagate Foodbank throughout the year. In November, we raised \$550 to support the Cherry Street Mission and participated in packaging and delivering more than 150 meals to Toledo-area residents, just in time for Thanksgiving.

Many of our Airmen spent time in our local schools inspiring patriotism and encouraging our youth to live healthy lives and dream big by discussing career goals, the impacts of drugs and

alcohol, assisting with interview skills and explaining the missions of the 180FW.

In May, our Stinger Airmen rallied around an Ohio college student battling a rare form of osteosarcoma in an effort to help make her dreams come true. We had the honor and privilege of naming Whitehouse native, Ashleigh Hunt, our first honorary Pilot for a Day, whose wish is to one day fly a fighter jet. While her health did not allow for a flight, our Airmen provided an all-access, event-filled day for Hunt, to include an honorary commission into U.S. Air Force as a 2nd Lt. and naming one of the wing's F-16s after her. The Pilot for a Day program is dedicated to supporting children and young adults who live with chronic

or life-threatening illnesses and is one small way the 180FW gives back to our local communities.

This year we also had the honor of partnering with the Boy Scouts of America, hosting two camporee events and one construction city event at the 180FW. Throughout these events, more than 800 scouts expanded their knowledge of the military, aviation and citizenship while earning merit badges, constructing entire cities out of cardboard and camping alongside our Airmen.

These accomplishments highlight just a few of the efforts and innovations made possible by our Airmen and our community partnerships.

The success of the 180FW is founded on the steadfast support,

trust and generosity of our local communities, the foundation on which the 180FW was built.

The 180FW remains committed to preserving your trust and respect, and we are dedicated and ready to serve our communities, our state and this great nation.

The 180FW is your force and you are the reason the 180FW will remain the first choice for our nation's defense, the most lethal, innovative and efficient wing in the Total Force long into the future.

180th Fighter Wing Strategy 2015-2020			
Trained, qualified Airmen ready to deploy	Priority 1:	Goal 1:	Force is fit to fight
Increased capability to the Combatant Commander	Priority 2:	Goal 2:	Be the most lethal choice
Sustain the relationship with the NW Ohio Community	Priority 3:	Goal 3:	Give more to the community than given
Embrace innovation and maximize efficiencies	Priority 4:	Goal 4:	Establish a continuous process improvement culture
Cultivate a culture of growth and excellence	Priority 5:	Goal 5:	Retain combat ready Airmen

 Unit Location: Toledo Express Airport Swanton, Ohio	 Aircraft: F-16 CM Block 42 Fighting Falcon	 Mission Designation: Interdiction Close Air Support Air Defense	 Assignments: Air Combat Command North American Aerospace Defense Command National Guard Bureau Ohio Joint Force Headquarters
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Strategic Location

Located at the Toledo Express Airport in Northwest Ohio, the 180FW is positioned for future endeavors to include Total Force and joint-basing initiatives. As the U.S. transitions from more than 25 years of war into a world with an uncertain and changing future, the need for a joint, integrated military force will continue to be essential for success. With 60 percent of the U.S. population residing within a 600 mile radius of Toledo, including vital infrastructure, key centers of gravity and international airports, Northwest Ohio offers convenient access to a multi-modal transportation hub including an extensive interstate highway system, one of the most active railroad centers in the country and one of the largest seaports on the Great Lakes. The Port of Toledo is an important industrial, commercial and transportation center for the north-central United States.

Infrastructure










Situated on 135 acres, the 180FW base and infrastructure has been designed and constructed to support the current and future fighter aircraft needed for America’s security and defense. The base is fully capable of supporting fighter aircraft operations and maintenance with little or no expansion. The installation development plan has incorporated potential and future missions, while accommodating the current aircraft with minimal impact. In the event of future and joint missions, the base has the ability to accommodate many functions within its existing footprint, but also has ample, suitable land available for expansion.

The Flying Mission

The 180FW has access to military operating airspace and air-to-ground gunnery ranges perfectly suited for the capabilities of the F-16. Both the Alpena airspace complex in Michigan and the Buckeye/Brushcreek airspace in Ohio, provide locations for supersonic, chaff/flare, and electronic attack training with full radar ground control intercept (GCI) and Link-16 datalink capability. Added to that, the wing utilizes three aerial gunnery ranges approved for the employment of both precision guided and ballistic munitions allowing the 180FW to remain proficient in its air interdiction, close air support and air defense missions. The Alpena complex features two Joint Threat Emitters that simulate adversary surface-to-air missile sites. This greatly enhances threat awareness training when coupled with the High-Speed Anti-Radiation Missile Targeting System. Utilizing airspace and ranges that are geographically separated with diverse weather patterns provide significant flexibility in daily operations. This varied airspace frequently allows the wing to find favorable weather conditions when the opposite location experiences poor weather, further enhancing training opportunities while ensuring mission requirements are met.

Other Missions

The 180FW Fire and Emergency Services Flight provides 24-hour joint emergency response for the Toledo Express Airport alongside the Lucas County Port Authority Public Safety Department. The flight also provides Defense Support to Civil Authorities, supporting mutual aid to local area fire and emergency services. In 2016, the team responded to more than 59 mutual aid requests including 19 structural fires, 29 medical emergencies and more than 10 other support requests. The 180FW Propulsion Element was the first to implement a Pratt and Whitney 229 and 220 engine Contract Field Team, providing War Ready Engines to Combat Commanders by rebuilding and testing 86 engines from 2009 to date in support of the Air Force and Air National Guard. These engines have been delivered to coalition partners and U.S. Air Force installations around the world.

F-16 FAST FACTS:	 Primary Function: Multi-role Fighter	 Builder: Lockheed Martin Corp.	 Power Plant: Pratt & Whitney F100-PW-229	 Thrust: 29,000 pounds	 Length: 49 feet 5.2 inches	 Height: 16 feet 10 inches	 Wingspan: 32 feet 10 inches	 Speed: 1,500 mph Mach 2 at altitude	 Max Takeoff: Weight: 42,300 pounds	 Range: More than 2,100 nautical miles 2,425 miles
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Energy Independence

The 180FW currently maintains an operational 1.6 megawatt solar field which is planned to be expanded to approximately 1.9 Megawatts peak electrical capacity. Currently, the system produces approximately one-third of the installation’s annual electrical requirements, in turn saving the taxpayers an estimated \$200,000 each year while reducing the wing’s dependence on coal by almost 600 tons and avoiding 1,700 tons of carbon dioxide annually. The most recent upgrades included the addition of 10 Dual Access Tracking Arrays, totaling approximately 35 kilo-watts.

In 2012, the 180FW became the first Air National Guard wing to fly routine training missions solely on bio-fuel as part of an Air Force testing plan to certify more than 40 aircraft models for bio-fuel use. Two 180FW aircraft were designated to test 100,000 gallons of the fuel as one of the final steps before taking the fuel mainstream and allowing the F-16 to use bio-fuel in unrestricted operations.

We have remained dedicated to the research, development and implementation of green energy programs at the 180FW. Our sustainable energy projects have reduced our environmental footprint through a solar field, solar tracking arrays, roof mounted solar panels, bio-diesel and electric vehicles. We are happy to report that we have achieved more than \$1.65 million in savings for the American taxpayer minimizing our overall environmental impact.

Environmental

The 180FW is committed to conducting its mission in a responsible manner to protect human health, natural resources and the environment. This commitment goes beyond simply complying with the law; it encompasses the integration of sound environmental information and practices into our daily decisions and activities. The wing strives for full compliance with voluntary industry standards including International Standards Organization 14001 Environmental Management Systems. We continue to provide training on the Air Force Enterprise Environmental, Safety and Occupational Health Management Information System, enhancing the management, tracking and disposal of hazardous materials and waste, and universal wastes.

The Air Program Information Management System allows electronic record keeping for electrical generator usage, painting operations, aboveground storage tank inspections and storm water management inspections, further ensuring the wing’s compliance with Air Force, state, and federal laws and regulations.

As part of the Military Munitions Response Program, the wing, in conjunction with Ohio Environmental Protection Agency, has determined that no further remedial actions are necessary at the installation’s former small arms range and all monitoring wells associated with the investigation were removed in 2016.

The wing is also continuing an investigation on the impacts of perfluorinated compounds found in fire-extinguishing agents, completing a survey of natural resources to determine the presence or absence of threatened and endangered plants and animals, as well as critical habitats on the installation.

The 180FW strives to be good stewards toward the environment by leaving a smaller ecological footprint, conserving natural resources and energy, and taking responsibility for our choices. Our goal is pollution prevention by working to reduce the use and production of hazardous substances and by operating more efficiently.



Always Ready - Always There

2016 Contingency Deployments

The 180FW is always mission focused, and our success is achieved through the critical Airmen who power the finest equipped and best valued fighter wing in the Total Force, ensuring our readiness and ability to support world-wide contingencies, deploying more than 1,000 Airmen in 2016 to support world-wide contingencies, at home and overseas.


We exercise regularly to maintain the highest readiness and strongest, most resilient team, ready to provide for America; protection of the homeland and effective combat power. Through daily training, conducted in realistic environments under realistic circumstances, we make certain our forces maintain the highest levels of proficiency and readiness for worldwide deployment. The 180FW continues to be a great value today and in the future.





Represents personnel only deployments.



Represents aviation packages, to include aircraft, personnel and all required support equipment

 **Andersen Air Force Base, Guam**
Theater Security Package
270 Airmen
100 short tons of cargo

 **Dover Air Force Base, Delaware**
Operation Freedom's Sentinel
1 Airman

 **Camp Lemonnier, Africa**
Operation Enduring Freedom
3 Airmen

 **Al Dhafara Air Base, United Arab Emirates**
Operation Inherent Resolve
16 Airmen


 **Al Udeid Air Base, Qatar**
Operation Freedom's Sentinel
45 Airmen

 **Ali Al Salem Air Base, Kuwait**
Operation Freedom's Sentinel
17 Airmen

 **Eskan Village, Saudi Arabia**
Operation Freedom's Sentinel
1 Airman

 **U.S. Naval Support Activity, Manama, Bahrain**
Operation Freedom's Sentinel
1 Airman

 **Mubarak Air Base, Kuwait**
Operation Freedom's Sentinel
1 Airman

 **Shaw Air Force Base, South Carolina**
Operation Freedom's Sentinel
1 Airman

 **Ramstein Air Force Base, Germany**
Operation Freedom's Sentinel
1 Airman

 **Al Jaber Air Base, Kuwait**
Operation Freedom's Sentinel
14 Airmen





49
units donated
149
lives saved
2013

72
units donated
216
lives saved
2014

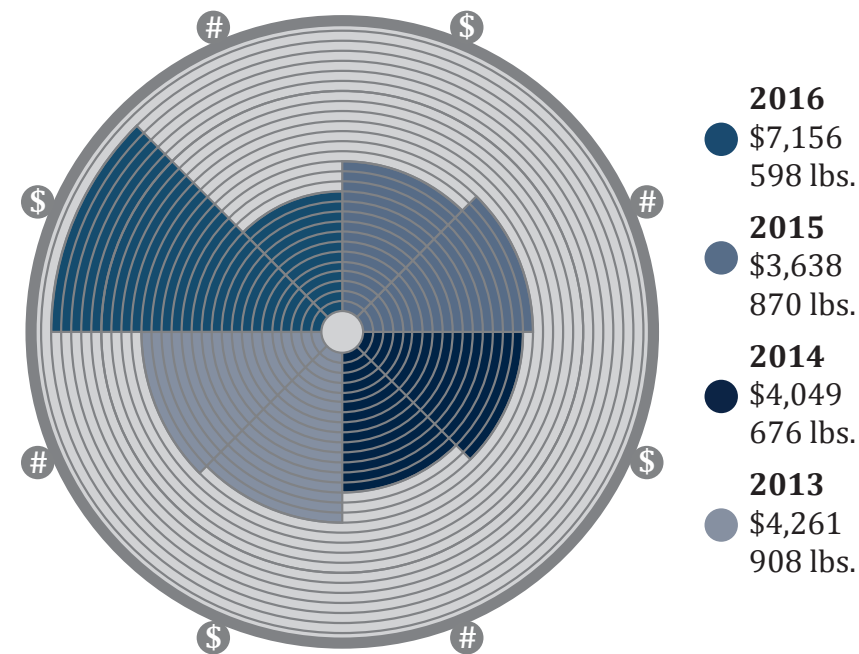
114
units donated
342
lives saved
2015

161
units donated
483
lives saved
2016

*More than 950 units of blood collected to date.

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Community Contributions



"Over the past 10 years the 180th's caring and sharing spirit has collected 15,726 pounds of food and \$52,605 in cash donations. Seagate can't change the world, but I am proud to say that we make a small difference in our community. That difference would not be attainable without the generosity and compassion of the 180th Fighter Wing. We appreciate and commend the 180th Fighter Wing on keeping our country safe and also their care of and compassion for our local community"

Deborah A. Vas,
NW Ohio Community Leader

"It has been another successful year partnering with the Ohio Air National Guard's 180th Fighter Wing. Every year the donor participation level seems to grow and hold strong. We rely heavily on their contribution for our region's blood supply and are grateful for the partnership they provide to us every year."

Erica L. Holland
Henry and Fulton County
American Red Cross Blood Services

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Indirect Jobs

Estimated Number & Dollar Value

TYPE OF PERSONNEL	180FW JOBS	INDIRECT JOBS MULTIPLIER	INDIRECT JOBS CREATED
ACTIVE GUARD RESERVE (AGR)	145	.41	59.45
TRADITIONAL GUARDSMEN	939	.16	150.24
STATE EMPLOYEES	41	.55	22.55
TECHNICIANS (DOD EMPLOYEES)	271	.55	149.05

✈ Total number of indirect jobs created - 381.29

✈ Average annual local community pay - \$46,220

✈ Estimated annual dollar value of jobs created - \$17,623,000
(Total number of indirect jobs created multiplied by average annual local community pay)

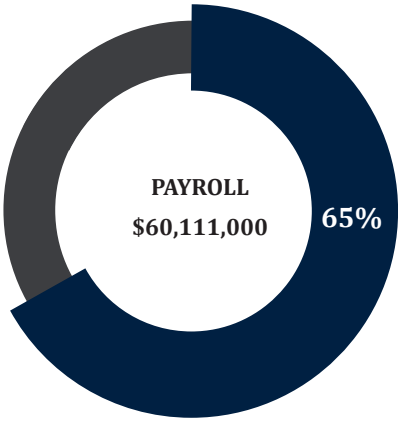
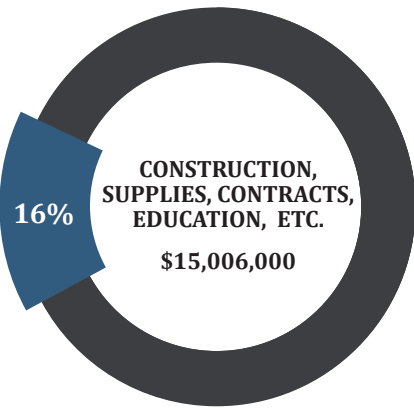
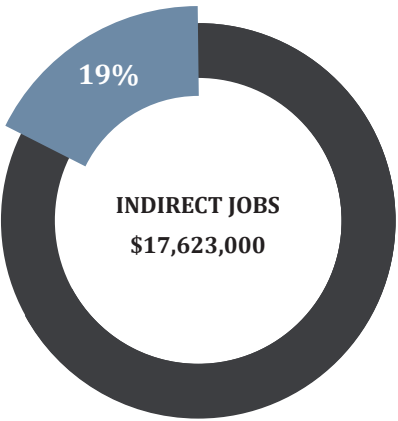
- Traditional Guardsmen number indicates the 271 technicians as they are also counted as traditional guardsmen
- Indirect Job Multipliers from Secretary of the Air Force/Financial Management (FMC - Economic Analysis)
- Average Annual Pay for Local Community from Bureau of Labor Statistics (Quarterly Census of Employment and Wages)

The purpose of the Economic Impact Statement is to provide public officials, visitors and our community a brief, unclassified summary of the organization and resources of the 180FW. This statement will provide an account of the contributions to the local economy for Fiscal Year 2016, Oct. 1, 2015 through Sept. 30, 2016.

During FY 2016, the 180FW contributed over \$113 million in both direct and indirect economic support to the overall economy, of which over \$95 million directly impacted the local region. The largest portion of this was \$60 million in payroll expenses for all civilian and military personnel. The balance was spent on new construction projects, supplies/maintenance/repair of existing facilities, support contracts and general base operations.

Questions concerning the following information can be directed to the 180FW Comptroller Office, 419-868-4008 or 419-868-4041.

Total Economic Impact - \$92,470,000



Gross Payroll Classification

Summary of Personnel

PERSONNEL CLASSIFICATION	NUMBER OF PERSONNEL	PAYROLL
ACTIVE GUARD RESERVE (AGR)	145	\$10,430,000
TRADITIONAL GUARDSMEN (*Assigned)	939	\$21,638,000
STATE EMPLOYEES (**Assigned)	41	\$2,904,000
TECHNICIANS (DOD EMPLOYEES)	271	\$25,139,000
TOTAL	1,396	\$60,111,000

*Includes the 271 federal technicians as they are also counted as traditional guardsmen

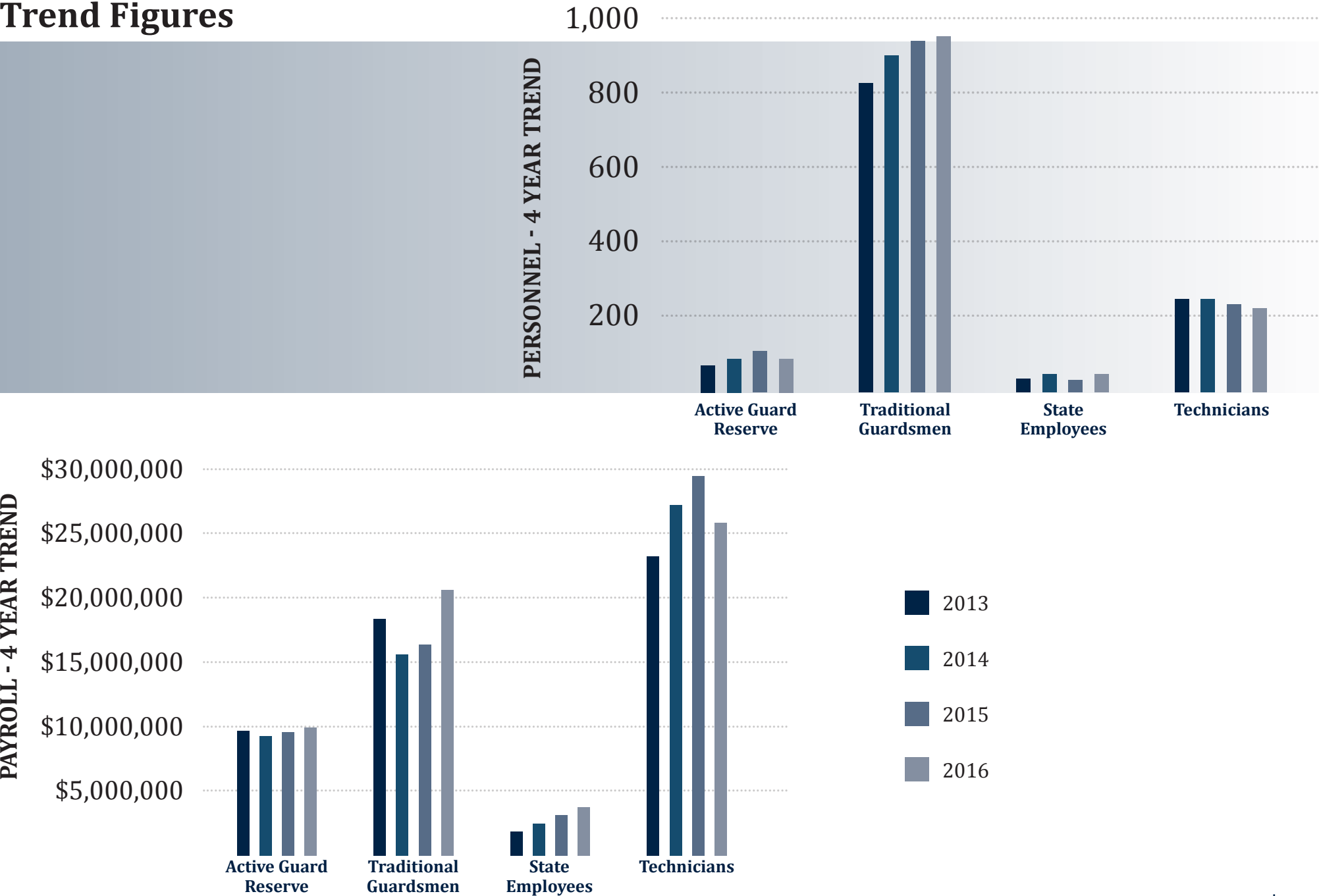
**Indicates state share

2016 PAYROLL



Payroll & Personnel

Trend Figures



Commodity Expenditures

\$29,135,000

MILITARY CONSTRUCTION

\$285,000

CONTRACTED SERVICES

\$2,001,000

SUPPLIES/EQUIPMENT

\$1,907,000

TRAVEL/PER DIEM

\$269,000

MINOR CONSTRUCTION

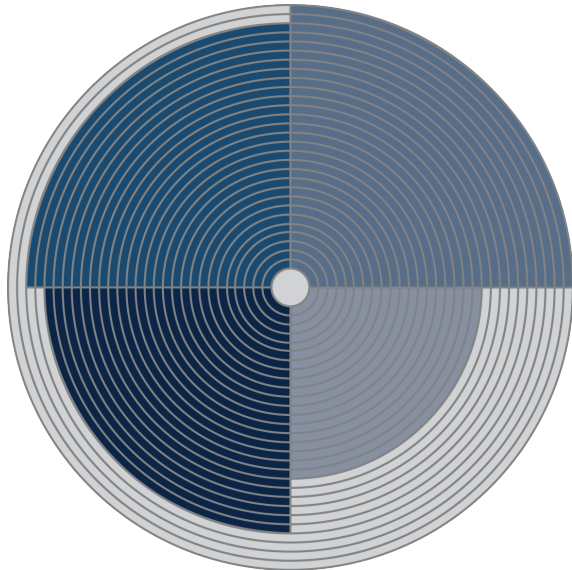
\$1,224,000

UTILITIES/BLDG. MAINTENANCE

\$516,000

AIRCRAFT MAINTENANCE & FUEL

\$8,804,000



4 YEAR TREND

2013
\$40,304,000

2014
\$42,018,440

2015
\$50,242,000

2016
\$29,135,000





The 180FW boasts a 10,600 foot primary runway, more than 52,400 square yards of aircraft parking and ramp space, and a fully renovated aircraft maintenance hangar with more than 63,700 square feet available for aircraft parking and maintenance.

The wing also maintains a newly constructed, state-of-the-art Munitions Storage Area with more than 32,500 square feet of facility space located on 16 acres of land. The on-site MSA allows the 180FW to keep necessary munitions on-hand and easily accessible for modern fighter aircraft. The facility gives the wing the capability to deliver air superiority to combatant commanders directly from home-station without having to divert to another location to load live weapons. This critical capability enables the wing to respond rapidly to potential developing homeland defense requirements and maintain operational readiness

as we continue to support overseas combat operations.

Not only does the 180FW maintain more than 379,000 square feet of facilities, the wing is also situated on 135 acres of land and has more than 200 acres available should expansion be required.

The base and infrastructure has been designed and constructed to support the current and future fighter aircraft needed for America's security and defense. The base is fully capable of supporting fighter aircraft operations with little or no expansion. The base's master plan has incorporated potential and future missions, accommodating the current aircraft with minimal impact. In the event of future and joint missions, the base has the ability to accommodate many functions on its existing footprint, but also has suitable land for expansion if necessary.

Capital Assets

- ✈ 135 acres of land - leased from the Toledo Lucas County Port Authority
- ✈ The main runway is 10,600 feet long and 150 feet wide
- ✈ The secondary runway is 5,599 feet long and 150 feet wide
- ✈ The 180FW aircraft parking ramp is 41,511 square yards
- ✈ Total Facility Area = 379,052 square feet
- ✈ Total facility replacement costs = \$313,370,000

FACILITY	AREA
AIRCRAFT HANGAR	63,746 Sq. Ft.
FIRE & EMERGENCY SERVICES	10,533 Sq. Ft.
POWERED SUPPORT EQUIPMENT	4,291 Sq. Ft.
NORTH GUARD HOUSE	94 Sq. Ft.
COMMUNICATIONS FACILITY	404 Sq. Ft.
POWERED SUPPORT EQUIPMENT STORAGE	2,065 Sq. Ft.
AIRCRAFT FABRICATION	13,339 Sq. Ft.
PAVILION	1,220 Sq. Ft.
SUPPORT HEADQUARTERS	30,191 Sq. Ft.
PROPULSION ELEMENT STORAGE	576 Sq. Ft.
VEHICLE MAINTENANCE STORAGE	592 Sq. Ft.

Capital Assets

Continued



FACILITY	AREA	FACILITY	AREA	FACILITY	AREA		
COMPOSITE OPERATIONS	27,163 Sq. Ft.	ARMY & AIR FORCE EXCHANGE SERVICES	7,350 Sq. Ft.	VEHICLE FUEL STATION	20 Sq. Ft.		
SECURITY FORCES	9,307 Sq. Ft.	MEDICAL & AEROSPACE DINING FACILITY	23,297 Sq. Ft.	FIRE SUPPRESSION PUMP HOUSE	600 Sq. Ft.		
TACTICAL NAVIGATION STATION	416 Sq. Ft.	PROPULSION FACILITY	13,009 Sq. Ft.	HAZARDOUS MATERIAL STORAGE	1,759 Sq. Ft.		
AMBULANCE SHELTER	288 Sq. Ft.	BASE DEFENSE OPERATIONS CENTER	516 Sq. Ft.	CIVIL ENGINEERING	18,489 Sq. Ft.		
FUEL CELL MAINTENANCE & CORROSION CONTROL	22,925 Sq. Ft.	SOLAR POWER GENERATION	1,679 Sq. Ft.	CIVIL ENGINEERING STORAGE	4,000 Sq. Ft.		
LIQUID OXYGEN & LIQUID NITROGEN STORAGE	189 Sq. Ft.	AIRCRAFT FUELS OPERATIONS	1,668 Sq. Ft.	AIRCRAFT FUELS STORAGE	112 Sq. Ft.		
AVIONICS & WEAPONS RELEASE	27,903 Sq. Ft.	AIRCRAFT FUELS PUMP HOUSE	3,000 Sq. Ft.	ROAD SALT STORAGE	119 Sq. Ft.		
BASE CIVIL ENGINEERING GROUND EQUIPMENT	2,610 Sq. Ft.	AIRCRAFT FUELS OPERATOR BOOTH	25 Sq. Ft.	LOGISTICS	34,268 Sq. Ft.	FACILITY	AREA
HAZARDOUS MATERIALS STORAGE	576 Sq. Ft.	AIRCRAFT FUELS VEHICLE MAINTENANCE	120 Sq. Ft.	AEROSPACE CONTROL ALERT CREW QUARTERS	4,320 Sq. Ft.	SMALL MUNITIONS STORAGE	6,044 Sq. Ft.
VEHICLE MAINTENANCE	7,436 Sq. Ft.	AIRCRAFT FUELS LIQUID OXYGEN MAINT.	264 Sq. Ft.	CONVENTIONAL MUNITIONS ADMINISTRATION	10,092 Sq. Ft.	LARGE MUNITIONS STORAGE	9,024 Sq. Ft.
FIRE & EMERGENCY SERVICES STORAGE	1,388 Sq. Ft.	SOUTH GUARD HOUSE	200 Sq. Ft.	CONVENTIONAL MUNITIONS MISSILE MAINTENANCE	4,133 Sq. Ft.	HYDRAZINE STORAGE	213 Sq. Ft.
MULTI-USE FACILITY	7,030 Sq. Ft.	VEHICLE INSPECTION AREA	1,062 Sq. Ft.	CONVENTIONAL MUNITIONS MAINTENANCE	3,285 Sq. Ft.	TOTAL FACILITY AREA	379,052 Sq. Ft.

Recent Achievements

- Air Force Outstanding Unit Award
- Aerospace Control Alert Unit of the Year
- Excellent Rating - 9th Air Force Standardization/Evaluation Inspection
- Excellent Rating - Operational Readiness Inspection
- Air National Guard Command Post Unit of the Year



- Best Public Affairs Program, Ohio National Guard
- Best Wing News Publication, Ohio National Guard

- Aerospace Control Alert Unit of the Year
- Chuck Smith Environmental, Safety & Occupational Health Award
- Reducing Energy Appreciation Program Award



- Mission Ready Rating - 1st Air Force Alert Forces Evaluation - Best Seen to Date and Benchmark Operations Identified



- Mission Ready Rating - Alert Force Operational Assessment
- 99.6% Compliance Rating - Air Combat Command Combined Unit Inspection
- Excellent Rating - Logistics Compliance Assessment Program

- Retention Manager of the Year - National Guard Bureau's Region Five and for the state of Ohio



- Mission Ready Rating - 1st Air Force Alert Forces Evaluation - Best Seen to Date and Benchmark Operations Identified
- Mission Ready Rating - Alert Force Operational Assessment
- Safety Office of the Year - Air National Guard



- First Sergeant of the Year - 1st Air Force
- 1st Place Photojournalism Category - National Guard Media Contest

- Air Force Outstanding Unit Award
- Effective Rating - Air Combat Command Combined Unit Inspection - 29 Superior Performers and 5 Superior Performance Teams identified
- Mission Ready Rating - 1st Air Force Alert Forces Evaluation - Best Seen to Date and Benchmark Operations Identified
- 3rd Place - Best Digital Publication Category - Air Force Public Affairs Media Contest



- 1st Place - Best Digital Publication Category - National Guard Media Contest
- 1st Place - Best Graphic Layout & Design Category - National Guard Media Contest

- Mission Support Group of the Year - National Guard Association of the United States



- Effective Rating - Air Combat Command Sortie Production Assessment
- Recognized for historic flying operation mission capability rate above Air National Guard standards

✈️ Air Force advisors for 2-day Toledo Air Show - 1st in more than a decade

✈️ Supported Republican National Convention, implementing crucial security measures to protect more than 500 DOD and partner organizations

✈️ Surpassed Air Force and Air National Guard medical readiness goals - recognized as the top 2% in the ANG with a 90+% readiness rating

✈️ Recognized Financial Experts - Ranked #2 of 97 units in the ANG for efficient 99.2% execution of budget

✈️ Community partnerships with 180FW Fire & Emergency Services increased capabilities to community by 200%, saving taxpayers more than \$150,000 in 2016

✈️ Exceeded ANG Recruiting Goals with a 102.79% local recruiting rate while also maintaining a 90% member retention rate

✈️ Visited more than 50 schools in support of the Governor's 5 Minutes for Life Program - promoting anti-drug and healthy living messages to our youth

180FW History

1917-2016



Today's 180FW was formed in October 1995, but its origins stretch back to Aug. 18, 1917 when the 112th Aero Squadron was organized as a supply unit at Kelly Field in San Antonio, Texas. 10 years later in 1927, the 112th moved to the Cleveland Hopkins Airport, Ohio where they became known as the 112th Observation Squadron flying a wide range of aircraft throughout the late 1920s and 1930s including the PT-1, BT-1, the O-2 and the O-11. In 1940, the unit was regrouped as the 112th Liaison Squadron.

During that time, the 112th was activated in support of World War II and Lt. Col. Addison Baker, a B-24 Liberator pilot received the Congressional Medal of Honor for his actions during the raids on the oil fields at Ploesti, Romania. After the war, the unit was reorganized as the 112th Bombardment Squadron (Light), flying Douglas A-26 Invaders and activated at Lawson Field, Georgia in support of the Korean Conflict in 1950. After the conflict ended, the unit returned to Ohio as an Air National Guard Fighter Bomber Squadron flying F-51 Mustangs at the Akron-Canton Airport.

Several more reorganizations and aircraft conversions took place over the next 20 years. The unit moved to Toledo as a Fighter Interceptor Squadron and converted to the F-84 E/F Thunderjet model aircraft in 1958. Then the unit became the 112th Tactical Fighter Squadron in 1958 and was activated for the Berlin Crisis in 1961. In 1962, the 112FS became part of the newly formed 180th Tactical Fighter Group. In 1970, the 180th TFG transitioned from the F-84 to the F-100 Super Sabre and then to the A-7 Corsair in 1979. Then in 1992, the 180th received its first F-16 Fighting Falcon just before being renamed the 180th Fighter Wing in 1995.

Over the years, members of the 180FW and the 112FS have answered the call to duty, supporting several contingencies including Operation Just Cause in 1989, Operation Desert Storm and Desert Shield in 1991. In 1994, 1996, 1999, 2000, 2001 and 2002 unit members volunteered to enforce No-Fly-Zones over Iraq in support of Operation Provide Comfort, Operation Northern Watch and Operation Southern Watch.

Following the horrific events of Sept. 11, 2001, unit members have volunteered to support both Operation Iraqi Freedom and Operation Enduring Freedom in 2005 and Operation Iraqi Freedom again in 2007 and 2008. In 2013, the wing deployed for the first time to Djibouti, Africa, in support of Operation Enduring Freedom.

While deployed to Africa, the wing received an unscheduled tasking to forward deploy to Azraq, Jordan and flawlessly executed this short-notice challenge, moving 221 personnel, eight F-16 Fighting Falcons and 250 tons of support equipment to stand up a bare base in less than 72 hours. Before returning home, 180FW Airmen assisted in yet another relocation, from Jordan to Afghanistan, moving personnel, aircraft and support equipment to Kandahar. In 2016, the wing deployed more than 250 Airmen along with our F-16 fighter jets to Andersen Air Force Base, Guam, to promote stability and security throughout the Indo-Asia-Pacific region and ensure our national interests abroad by providing influence and deterrence through force presence.

Always striving to improve the wing, and the Air National Guard, the 180FW continually seeks out new missions. In 2006, the 180FW began the development of a 10 acre solar energy site.

Activated in October 2008, the Air Sovereignty Alert mission became the newest mission at the 180FW. Today, the mission is known as

Aerospace Control Alert, after the mission underwent an official name change in July 2011, to more accurately depict the mission. Directly supporting Operation Noble Eagle, the 180FW aids in the protection of the Continental United States and Canada under the direction of the North American Air Defense Command, or NORAD. Since the activation of the mission at the 180FW, ACA has responded to 146 events, totaling more than 440 flying hours in support of ONE. The ACA team continues to excel at the nation's number one priority, our 24/7 mission, year after year, earning the highest possible "Mission Ready" NORAD Command inspection ratings and "Best Seen to Date" comments for both Alert Forces Evaluations and Alert Forces Operational Assessments in 2009, 2012, 2014 and 2015. The 180FW ACA was the first unit to ever win the 1st Air Force ACA Unit of the Year title, two consecutive years in a row in 2010 and 2011.

Our ACA team has produced several 1st Air Force level individual award winners as well over the years, to include Pilot of the Year in 2011, Senior Noncommissioned Officer of the Year in 2009, Noncommissioned Officer of the Year in 2009 and 2011, Maintainer of the Year for 2010 and Command Post Controller of the Year in 2010, 2011 and 2012. Most recently a 180FW Airman was selected as the 1st Air Force First Sergeant of the Year for 2014. In 2015, a 180FW Airman was selected



as the 2015 Security Forces Aerospace Control Alert Airman of the Year.

The team's continued excellence has earned them the full confidence of the Continental U.S. North American Aerospace Defense Command Region Commander when he remarked "the 180FW is the benchmark for these operations." In the future, the 180FW and the 112FS will continue to be major contributors to the nation's air superiority.

As part of the Air National Guard's community mission, 27 of our medical personnel deployed to Martin, Tennessee in support of "Hope of Martin," a two-week health fair in 2013 where they assisted in providing free medical care to over 3,000 patients. Our Airmen helped to conduct over 7,900 medical procedures and produce over 1,100 pairs of eyeglasses for the people of Martin and surrounding communities.

Our Training Affiliation Agreement with the University of Toledo Medical Center, the first agreement of its kind in the Air National Guard and recognized as a benchmark training program at the National Guard level, was renewed for another five years. This training program streamlines medical skills verification and hands-on training of our military

medical personnel locally while also providing extra manpower at the medical center during the wing's training weekends. This partnership is projected to save more than \$20,000 in training costs for each of our military medical personnel.

The 180FW also received the first of four active duty pilots in 2015, as part of the Active Association integration and contributing to the establishment of the Total Force concept.

Many of our Airmen were also assigned to support the 2016 Republican National Convention, supporting security and logistical operations.

2016 was another historic year for the 180FW. Construction began on the Northwest Ohio 9/11 Memorial, honoring all who lost their lives as a result of the tragic events of Sept. 11, 2001, but also to serve as a

reminder of our American spirit and resiliency.

In 2016, the 180FW also supported one of the wing's largest Reserve Component Taskings to date, deploying more than 120 Airmen to 18 locations around the world, promoting security and stability in support of global and national security objectives.

Year after year, the men and women of the 180FW continue to provide for America; protection of the homeland, effective combat power and defense support to civil authorities, defending freedom as the most lethal, innovative and effective fighter wing in the Total Force.

The 180FW remains committed to maintaining the long-standing tradition of high standards when providing combat ready Airmen for our federal, state and community missions.





<http://www.180fw.af.mil/>

f 180th Fighter Wing

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