

# 132d Wing

## 2016 Annual Report

Celebrating 75 years





# From The Commander



**"We are what we repeatedly do. Excellence, then, is not an act, but a habit."**

**Will Durant**

Leaders and Friends,

It is my pleasure to present the 132d Wing 2016 annual report. Throughout the year, the 132d Wing has done an amazing job in preparing our Airmen for lethal combat support and operations around the globe. This report will provide a summary of the efforts taken to ensure we were ready and capable to provide air-power to our state and nation.

The 132d Wing recently transitioned from the F-16 Viper to three new and distinct operational missions. These include: the MQ-9 Reaper Remotely Piloted Aircraft, Cyber Operations, and Intelligence, Surveillance, and Reconnaissance (ISR) Targeting. In these missions, we are capable of responding to the needs of both our community and nation, at a moment's notice. As a unit we have met many significant milestones in our transition and have exceeded expectations. We have excelled in mission operational capabilities, mission execution, and base facility infrastructure. Some of the highlights include:

- #1 in the nation in medical readiness
- Celebrated our 75th Anniversary as a unit
- Executed over \$26 million in construction
- Received our 11th Air Force Outstanding Unit Award
- Achieved ISR Targeting mission capability 1 year ahead of schedule
- MQ-9 Reaper mission stand-up and execution 9 months ahead of schedule
- A cost avoidance of over \$776 million through our Distributed Training Operations Center
- #1 in the Air Force for the number of Community College of the Air Force degrees awarded
- Multiple trips to Kosovo to provide support for the Air National Guard (ANG) State Partnership Program (SPP)

Although we have accomplished a lot, we look forward to the future in anticipation of tackling the next challenges that await us. We are committed to the highest level of excellence which can be attributed to the "great Midwest work ethic." We have the finest Airmen the nation has to offer, and we are constantly aware that the success of our citizen-Airmen is dependent on the entire community. There is no doubt that our Wing will continue to see the same success in 2017.

Colonel Shawn D. Ford  
132d Wing  
Commander



# Vision Mission Values

To be an organization known for excellence, capable of providing mission ready forces, and willing to serve our nation, state, and community

The 132d Wing trains, deploys, executes, and sustains operations in missions supporting our nation, state, and community

Integrity First  
Service Before Self  
Excellence in All We Do

## Iowa National Guard Priorities

Mission Focused - Warrior Ready!



1. Provide Ready Relevant Forces
2. Provide Infrastructure to Support the Iowa National Guard
3. Care for Soldiers, Airmen, Families and Survivors
4. Strategic Communications



# COMPETENT, READY



**Engage in the Nation's War-fight** - We provide highly trained Airmen to support combatant commander needs across the globe

**Support our State's Homeland** - When directed by the Governor, our Airmen are prepared to protect and serve the state of Iowa with manpower, equipment, and expertise

**Provide Assistance to Partnership Country (Kosovo)** - We use our training to aid Europe's newest independent and sovereign democracy in areas of education, public safety, information technology, security, medical, and leadership



# Our Missions

**MQ-9 Reaper-** The MQ-9 is an armed aircraft that provides real-time full-motion video to combatant commander's around the globe. Mission success is made possible through a complex communication infrastructure that is maintained by our Information Technology specialists.

**Intelligence Targeting-** As US military aircraft and weapons increase in precision and lethality, the demand for precise target information also increases. Our Imagery Analysts use intelligence information and training to determine the strengths and weaknesses of an enemy target complex and pass that information off to our Weaponeers who determine the best aim point and weapon to achieve desired target destruction.

**Cyber Protection Team-** The nation is more reliant than ever on networks and information technology. Nations that cannot compete with us militarily are now relying on inexpensive computers and networks to impact our ability to meet our country's goals. Our Cyber Operations squadron is tasked with analyzing and protecting our network and systems by determining vulnerabilities and implementing solutions.

**Distributed Training Operations Center-** The world of warfare is extremely complex. In many cases, the most realistic training that our nation's aircrew can participate in needs to occur in the simulator. Our simulation training experts have the knowledge to connect simulators around the globe and create virtual training scenarios that cannot be matched and better prepare our Airmen, Soldiers, Sailors and Marines for real world operations and deployments.

**Mission Support-** The ability to provide combat capability, support, and training to any Airmen at any time is only made possible through the support of multiple organizations in our Wing. Support of 24/7 operations is provided in the fields of medical, security forces, civil engineering, communications, logistics, finance, personnel, and others. Our Airmen set the standard of excellence in these areas that is second to none.

**RC-26 Metroliner -** The mission of the RC-26 is to provide real-time Incident Awareness and Assessment to emergency personnel and incident commanders during state response to natural disasters, special security events, or life or death situations. In lieu of this response, the RC-26 crew partner with local law enforcement in an effort to provide support in removing drugs from the streets of Iowa and surrounding states.

**Medical-** The Medical Group is mission-focused and ready to fully support the individual medical requirements of the 132d Wing, domestic operations missions, and expeditionary combat support requirements. Ultimately, their efforts ensure that the 132d War-fighter is medically ready to deploy anytime, anywhere.



# OPTIMAL FORCE

We are constantly recruiting the right mix of people to join our team of professional Airmen who are passionate about service and dedicated to excellence. With positions available in various career fields, will you be next?

300+

Full-time Employees

900+

Personnel

## Benefits of Being an Airman

- College Tuition Assistance
- Leadership Training
- Top-notch Skills Training
- Healthy Work Environment
- Service to Country
- Opportunities to Travel

## Career Opportunities

- Cyber Operations
- Computer Systems
- Intelligence Analysts
- Remotely Piloted Aircrew
- Air Space Medicine
- Weather, Logistics, and more



# STRUCTURE

The 132d Wing maintains an optimal force structure of 900+ Airmen who are trained and mission ready to provide vital support to our community, state, and nation at a moment's notice.

In January 2016, the Wing expanded its mission sets and welcomed the 168th Cyber Operations Squadron. Since that time, our Cyber Squadron has quickly established itself as an organization known for excellence, and has developed partnerships with Iowa State University, the Iowa Army National Guard, Iowa Homeland Security, and the Republic of Kosovo; to name a few. They are quickly on their way to meeting their first mission deployment in early 2017.

132d Airmen are medically ready to meet the mission:

**#1 in Region** OF 24 UNITS

**Top 5% in the Nation** OF 92 UNITS







# SUSTAINABLE INFRASTRUCTURE

The 132d Wing is located on 161.71 acres of land located in the northwest part of the Des Moines International Airport. The air base comprises 417,028 square feet of floor space in 34 facilities. We strive to set high standards of excellence with environmental initiatives as well as research innovative techniques to be good stewards of our resources.

## 23%

Reduction in energy use since 2006

## 73%

Reduction in water consumption since 2007

The 132d Wing continues to reduce energy consumption and incorporate energy saving goals into base operations through facility consolidation, modernization, lighting retro fits and education.

**Construction** - Last year, the Wing executed over \$26 million of construction and maintenance to refurbish existing aging facilities into energy efficient workspaces that accommodate our new mission sets.

**Recycling** - We were successful in recycling 130 tons of material.

**LEED Certification** - We have 2 facilities on the base that meet the stringent requirements to be qualified for the Leadership in Energy and Environmental Design (LEED) Silver rating issued by the U.S. Green Building Council and are completing construction of 2 additional LEED Silver Facilities.



# CARING FOR AIRMEN

We cannot meet our mission needs without the contributions of our most valuable asset; our people. Because of that, we put a lot of focus on the support and development of our Airmen. From tuition assistance to family friendly events to civilian employer tours, we invest time and money to ensure the success of our Airmen.

## \$1.3M

National Guard Educational Assistance

## 466 Schools

18 Distinguished Graduate  
6 Honor Graduates  
7 Top Graduates

### 132d Wing Events:

#### Family Day / 75th Anniversary Event -

The 132d Wing partnered with 24 community agencies and 20 colleges, brought in 11 static display aircraft, and provided games for the kids as we celebrated our 75th year in existence.

**Family Easter Egg Hunt** - The Wing provided a safe fun atmosphere for over 100 kids of all ages to participate in Easter festivities.

**Wing Holiday Party** - This past year, we brought holiday joy to a local community organization, family, and friends. Over 230 children participated in many holiday activities prior to seeing Santa arrive on an RC-26 aircraft and distribute gifts.

#### Employer Support of the Guard/Reserve -

With over two thirds of our Airmen serving part-time, ESGR helped us link with our civilian employers. This relationship was critical to our Airmen's success as we invested in a common resource.



# MISSION EXECUTION

2016 was the first full year of executing our new mission sets from Des Moines Airbase. The challenges of combat operations from home station were new and unique; yet the 132d Wing carried on the tradition of excellence that was the benchmark while flying F-16s. Our Airmen now have the ability to impact the War on Terror while maintaining a high quality of life at home.

6400+ Combat Hours

2500+ Hours Intel Analysis

## A year in review

### MQ-9 Reaper

- 6,400 combat hours
- 10+ weapons employed
- 100% mission success

### Intelligence Targeting

- 2,500+ hours analysis
- 770+ targeting products
- 10+ combat strikes supported

### RC-26 Metroliner

- 280 hours / 134 flights
- \$490,000 drugs / weapons seized
- 330 photos / video for Cedar Rapids flood response

### Distributed Training Operations Center

- 3,750 Training events
- 17,000 DOD personnel trained

# DEVELOPING LEADERS

The 132d Wing is constantly developing tomorrow's leaders. An Airman's success is dependent on continuing education, professional military education, leadership training, and enhanced technical skills training and certification. Throughout the year Airmen were chosen to participate in various leadership development opportunities to include local civic leader speaking events, leadership trips to Kosovo, and various diversity membership councils.

## #1 in AF

Community College of the AF  
Degrees awarded  
(2nd year in a row)

## 108 CCAF

Degrees Awarded

**Community College of the Air Force (CCAF)**- Provides the full spectrum of Air Force education including degrees and continuing education for officers, enlisted and civilian personnel through their career.

**Targeting Training Flight** - a one of a kind Department of Defense training organization at the 132d Wing designed for developing the next generation of targeting experts to support the demanding needs of the military due to increased efficiency in weapon accuracy and lethality.

**Kosovo State Partner** - We use our training to aid Europe's newest independent and sovereign democracy in the areas of education, public safety, information technology, security, medical, and leadership.

**Leadership Challenge Program** - In concert with the 185th Air Refueling Wing in Sioux City, Iowa, Airmen participated in a comprehensive process of enhancing individual self-awareness to lead effectively through diversity and resiliency challenges.





# COMMUNITY

As a key member of the local population, community support is critical to the mission of the National Guard. 132d Wing members provide support to communities across the spectrum; from those that provide impact at the global level to those that have a more local impact. We are proud to serve. Some examples include:

## Global Engagement:

- NATO AWACS training network established at the Distributed Training Operations Center
- Australian Dignitary Visit
- Taiwanese Leadership Visit
- Kosovo Leadership Trip / Visits

## National Engagement:

- Air Force Academy Cadets Visit
- STRATCOM Leadership Visit
- National Guard Leadership Visit
- Support for Nations Council of Governor's Visit
- East Bay Stand-down Homeless Veteran Health Care Support



# SUPPORT

## State Engagement:

- Aqua Cadent Cedar Rapids Flood Response
- Vigilant Guard Emergency Management Exercise
- Visit Support for U.S. Congressman David Young
- RC-26 Metroliner Capabilities Demonstration for U.S. Senator Joni Ernst
- Cyber Patriot Exercise Participation and Support

## Local Engagement:

- 185th Combat Sustainment and Support Battalion deployment send-off support
- Training support for Transportation Security Administration
- Youth and Shelter Services
- Hope Ministries donations
- Combined Federal Campaign \$25K in donations
- Boy Scouts of America visits
- Orchard Place support
- Salvation Army Toy Drive
- Christ The King Elementary School
- Habitat for Humanity
- Joshua Christian Academy
- Veterans of Foreign Wars (VFW) support
- Civil Air Patrol support
- VA Homeless Veterans Stand Down support
- Youth Emergency Services and Shelter



# ECONOMIC IMPACT

Fiscal year 2016  
\$103.7 Million

Operating Expenditures

\$19,812,208

Military Pay

\$31,765,200

Indirect Jobs  
Created

\$25,695,150

Education

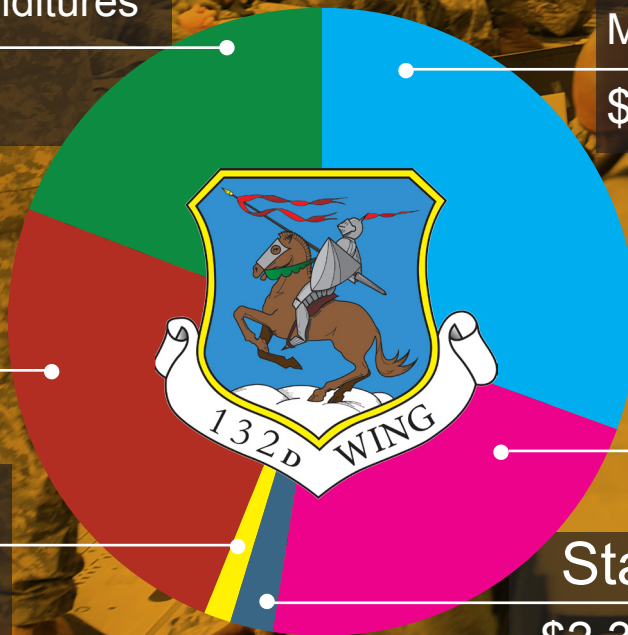
\$1,391,126

Federal Pay

\$25,101,700

State Pay

\$2,356,306





# FISCALLY RESPONSIBLE

It is important in this challenging fiscal environment that the 132d Wing makes the most of every dollar entrusted to it by taxpayers. We constantly look for ways to save money, spend more wisely, and when not needed, return money to the government for use in other areas.

- Saved the Air Force \$320,000 by utilizing voluntary aircraft support team for military aircraft movement in and out of Des Moines International Airport
- Saved \$22,000 through an improved military clothing issue process
- Avoided \$776 million in training costs for the Department of Defense by providing simulator training with the Distributed Training Operations Center
- Provided \$268,000 in free health care to homeless veterans in East Bay, Calif. through DoD's Innovative Readiness Training Program
- Returned \$1.4 million of unneeded funding to National Guard for other use



# 132D WING LEASEHOLD

In 2016, the United States Congress passed bill H.R. 5944 which supported the piloting of Air National Guard aircraft remotely from the Des Moines International Airport. This important legislation allowed the 132d Wing to continue operating off its current leasehold at an affordable cost while still allowing the Des Moines International Airport Authority to be in compliance with the criteria needed to receive Federal Aviation Administration grant funds.



With excess hangar space due to recent mission conversion, our state maximized the use of our hangar facilities by coordinating with the Army National Guard and Civil Air Patrol to store their aviation assets indoors where they are protected from the elements.





# DOMESTIC OPERATIONS CAPABILITY

We have the capability to provide specialized response to state incidents at the request of the Governor of Iowa. Our capabilities include:

## Fatality Search and Recovery Team

- Response Time = 24 hours
- Trained to collect and identify remains in a hazardous environment



## Debris Clearance Kit

- Response time = 6 hours
- Provides large area cleanup

## Civil Disturbance Kit

- Response Time = 24 hours
- Equipment and personnel to assist during riot situations

## Disaster Relief Mobile Kitchen Trailer

- Response Time = 24 hours
- Meal services capable of feeding up to 500 people/hour

## Mobile Emergency Operations Center

- Response Time = 6 hours
- A FEMA Type 2 mobile communications center

## Urban Search and Rescue

- Response Time = 6 hours
- Provides local technical rescue capabilities

## RC-26 Metroliner Aircraft

- Response Time = 4 hours
- Provides real-time video feed and assessment





# DEPLOYMENTS

In addition to home station 24/7 mission operations, the 132d Wing continues to provide capability through training and combat deployments. Our Wing is committed to being fully trained and capable of completing our federal or state missions in a moments notice.

## Deployments:

- Operation SOUTHERN STRIKE (Mississippi)
- Operation CONDOR HAMMER (Texas)
- Operation AQUA CADENT (Eastern Iowa)
- Operation INHERENT RESOLVE (Iraq)
- Cyber Shield / Cyber Iowa / Cyber Guard

130  
11

Airmen Deployed Overseas

## OVERSEAS DEPLOYMENTS

Alaska	Qatar
Bahrain	Saudi Arabia
England	Republic of Korea
Germany	Republic of Kosovo
Hawaii	United Arab Emirates
Kuwait	



# 2016 HIGHLIGHTS

- Air Combat Command Legal Office of the Year
- Top 3 in ANG for Senior Master Sergeant Kenneth W. Disney Food Service Award
- National Guard Bureau Awards
  - Special Recognition Team award
  - Personnel Company Grade Officer of the Year award
  - Force Support Senior Non-Commissioned Officer of the Year award
  - Force Support Airman of the Year award
- 11th Air Force Outstanding Unit Award

## Future Initiatives

- Fire Equipment to Republic of Kosovo
- MQ-9 Reaper Launch and Recovery Element
- Campus Improvements
  - Continued mission enhancement construction
  - Fire Training Facility
- Incorporate Army National Guard aviation on Wing leasehold
- Enhanced Medical Recruiting and Retention Initiatives



75th Anniversary



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