



MICHIGAN **2022**

DEPARTMENT OF MILITARY AND VETERANS AFFAIRS
ANNUAL REPORT



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LETTER FROM THE DIRECTOR

Governor Whitmer and Citizens of Michigan,

Once again, the past year has been defined by the dedication, service and accomplishments of the members of the Michigan Department of Military and Veterans Affairs (DMVA). I want to thank each one of the incredible human beings who enable this organization's mission to synchronize strategic, legislative and fiscal initiatives to build and sustain military readiness, care for and advocate for veterans and cultivate meaningful partnerships.

In 2022, the Department made further strides toward fulfilling its strategic plan, realizing multiple key goals and milestones. As you will read in this report, our organization is set apart by its culture of excellence, its desire to succeed and the "member for life" principle that leverages all programs under the DMVA. The Michigan National Guard, Michigan Veterans Affairs Agency, Michigan Veteran Homes and State Operations offer opportunities for service – and the promise of care for those and the families of those – who make the choice to serve.

This organization is making a difference across the wider Department of Defense and defense community. In 2022, Michigan hosted multiple premier exercises at the National All-Domain Warfighting Center, including our marquee Northern Strike exercise series, which hosted nearly 6,000 personnel from approximately 20 states and four partner countries across its winter and summer iterations. We also hosted a new exercise series, Northern Agility, which advanced the Air Force's Agile Combat Employment doctrine and demonstrated many groundbreaking innovation projects through Michigan's Kelly Johnson Joint All-Domain Innovation Center. Through these events and many others, Michigan continues to build on its reputation as a provider of exceptional service and a leader in innovative solutions in support of national security objectives.

The Michigan Veterans Affairs Agency continues to be a fierce advocate for the more than 550,000 veterans who call Michigan home. This year, we celebrated the signing of legislation to invest \$1.2 million to reduce the incidence of suicide among service members, veterans and their families; the expansion of the Michigan Veteran Connector initiative, which identifies and cultivates community partnerships to help veterans connect to the best resources available regardless of where they reside; and the creation of Helmets to Hardhats, a partnership designed to help connect veterans with registered apprenticeships in Michigan's construction industry. Michigan Veteran Homes, which provides critical long-term care services to our nation's veterans and their dependents, serves approximately 350 members across three communities. This year, Governor Whitmer authorized \$34.2 million in state funding for the construction of a new state veteran home to replace the D.J. Jacobetti home in Marquette. This new home will ensure Upper Peninsula veterans and their dependents continue to receive high-quality care along with the opportunity to live as independently as possible.

This organization is not perfect, but it is exceptional. The DMVA culture reflects what we value most: our people, readiness, integrity, innovation, diversity and ethical behavior. As we move forward, it is important that we not only see ourselves honestly, but also understand how others see us. No matter what, the successes of this organization are directly attributable to the incredible members of the DMVA. It is you who continue to define Michigan as the premier state for advancing military readiness and serving veterans and their families. It is my honor and privilege to serve alongside you.

Paul D. Rogers
Major General
Adjutant General and Director of the Michigan Department
of Military and Veterans Affairs

WHO WE ARE



Provider of Exceptional Service

A team of devoted public servants committed to its mission, continuous improvement, and solving future challenges.



Leader in Innovative Solutions

A thought leader piloting future capabilities and providing unrivaled training opportunities that leverage Michigan's unique blend of geography, people, and technology-base industry.



Cornerstone of Michigan Communities

Dedicated Michigan citizens invested as life-long partners in building thriving communities.



Workplace of Choice

A department that values its team members, demonstrates commitment to individual and organizational development, and sustains loyalty and pride across the team.



Center of Performance Excellence

A collaborative organization that provides ever-improving values to its stakeholders and achieves sustained organizational effectiveness.

LEADERSHIP



Gov. Gretchen Whitmer
Commander-in-Chief



U.S. Army Major General
Paul D. Rogers
Adjutant General and Director
of the Michigan Department of
Military and Veterans Affairs



Zaneta Adams
Director of the Michigan
Veterans Affairs Agency



Brigadier General
Lawrence E. Schloegl
Michigan Army National Guard
Commander and Assistant
Adjutant General - Army



Brigadier General
Bryan J. Teff
Michigan Air National Guard
Commander and Assistant
Adjutant General - Air



Command Sergeant Major
William W. Russell III
State Command Sergeant Major
& Senior Enlisted Leader



Command Chief Warrant Officer
Allen Robinson
State Command Chief Warrant
Officer Michigan Army National
Guard



Michael Price
Senior Deputy Director of
State Operations and
Director of Strategic
Planning



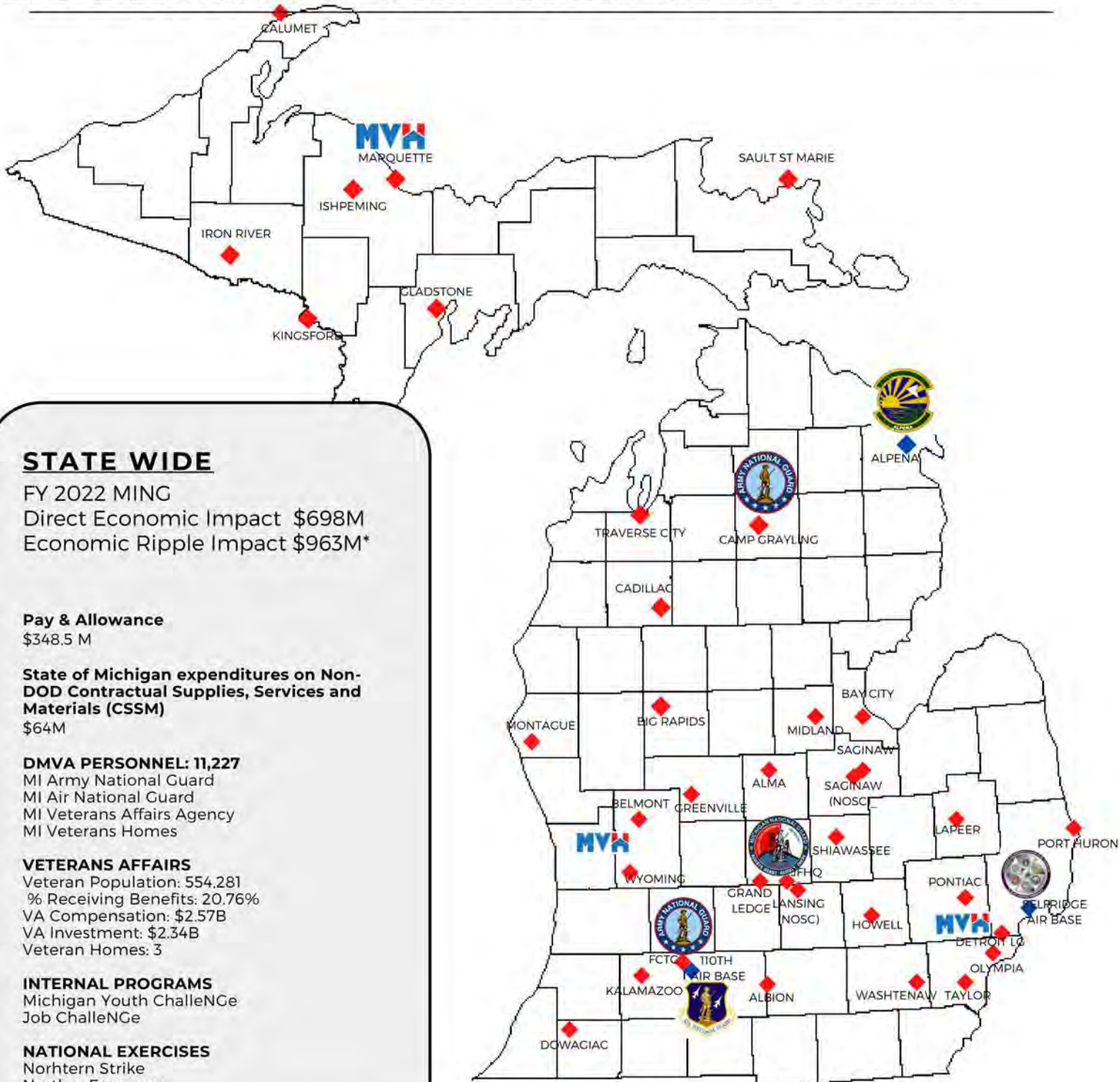
Anne Zerbe
Executive Director and
Chief Executive Officer of
Michigan Veteran Homes

The Michigan DMVA resides in the State of Michigan's Executive Branch. The Department Director sits on the Governor's Cabinet and serves as The Adjutant General. The DMVA consists of State Operations, Michigan Youth Challenge Academy (MYCA), Michigan Veteran Homes (MVH), The Michigan Veterans Affairs Agency (MVAA) and the Michigan National Guard.

DEPARTMENT OF MILITARY AND VETERANS AFFAIRS

**DMVA ECONOMIC IMPACT REPORT
STATE OPERATIONS
MICHIGAN YOUTH CHALLENGE ACADEMY**

DMVA ECONOMIC IMPACT REPORTS



STATE WIDE

FY 2022 MING

Direct Economic Impact \$698M

Economic Ripple Impact \$963M*

Pay & Allowance

\$348.5 M

State of Michigan expenditures on Non-DOD Contractual Supplies, Services and Materials (CSSM)

\$64M

DMVA PERSONNEL: 11,227

MI Army National Guard
MI Air National Guard
MI Veterans Affairs Agency
MI Veterans Homes

VETERANS AFFAIRS

Veteran Population: 554,281
% Receiving Benefits: 20.76%
VA Compensation: \$2.57B
VA Investment: \$2.34B
Veteran Homes: 3

INTERNAL PROGRAMS

Michigan Youth Challenge
Job Challenge

NATIONAL EXERCISES

Northern Strike
Northern Exposure

READINESS CENTERS & INSTALLATIONS

Readiness Centers: 38
Installations: 6

- ◆ MI ARNG ARMORIES/BASES
- ◆ MI ANG BASES

STATE OPERATIONS

State Operations is a supporting partner to the Michigan Army National Guard, the Michigan Air National Guard, the Michigan Veterans Affairs Agency and Michigan Veteran Homes. State Operations also administers and supports the Michigan Youth Challenge Academy (MYCA), MYCA Job Challenge Program, Starbase, Tuition Assistance and the Military Family Relief Fund.

State Operations is a branch within the DMVA consisting of the ChalleNGe Academy and the Office of Financial Services.

Financial Services is composed of three essential teams, Budget, Procurement and Information Technology, which provide support throughout the organization for their business needs. Budgeting is responsible for the administration of budget development and implementation, federal cooperative agreement management, the Michigan National Guard Tuition Assistance Program, the Military Family Relief Fund, the Armory Rental Program, military retirement, employee travel and training and inventory management.

Procurement consists of the administration of all purchasing functions, contract management, procurement card management, fleet management, accounts payable management and logistics for state active duty.

The Information Technology (IT) section was newly created in 2021 and is responsible for privacy and security, IT project management and IT governance.

The MYCA educates, trains and mentors at-risk youth in a quasi-military environment at no cost to participants, giving young people the skills to become productive and responsible citizens. Applying the military model to alternative education, the Academy promotes competency development through academic opportunities, life skills and vocational preparation.

The MYCA Job Challenge program is a residential occupational training program for eligible MYCA graduates. Students are encouraged to complete their high school credentials, learn a trade and earn college credits in a safe mentoring environment.

Both the MYCA and the MYCA Job Challenge program are free to participants and there is no requirement for military obligation.

The central coordination of Diversity, Equity and Inclusion initiatives for the DMVA is also housed under State Operations. Chief among its initiatives are leading workgroups to infuse principles of equity and inclusion across the department, preparatory work for comprehensive DEI strategies, enterprise-wide work on training standards and employee onboarding, implementing DMVA policies related to training in compliance with executive directives, organizing statewide observances and celebrations related to DEI and implementing HR adjustments related to selection and hiring practices.

FINANCIAL SERVICES DIVISION (DEPARTMENT-WIDE)

Spent: \$235.2M of which \$77.8M was cooperative agreement funding
Payroll: \$94.7M
COVID-related: \$5.9M
CSSM: \$140.5M

MICHIGAN TUITION ASSISTANCE PROGRAM (MINGSTAP)

Tuition and fees \$5.1 million
Service Members 1,267

PROCUREMENT

Processed 1,441 purchase requests (services by type were consolidated on single requests by CFMOs office)
Processed 1,802 encumbrance documents
Executed Purchases: \$67,387,602
DMVA Master Contracts: \$44,153,586
Managed 179 Fleet Vehicles
Managed 173 DMVA Procurement Cards representing 6,693 transaction worth \$3,567,733.43
Processed 10,397 payments

INFORMATION TECHNOLOGY (IT)

- Managed 221 wireless devices
- Obtained authority to operate seven systems used by DMVA to promote application and data security
- Implemented telehealth services for Michigan Veterans Homes
- Upgraded time clock systems
- Upgraded security camera system at Fort Custer
- Upgraded IT Infrastructure at Fort Custer Training Center
- Implemented online training for Fire and EMS personnel in Alpena
- Updated video conferencing hardware
- Implemented processes to maintain accurate user accounts and ensure that all SOM assets are returned and accounts are deleted when employees leave DMVA

MICHIGAN YOUTH CHALLENGE ACADEMY

PROVIDING PURPOSE AND DIRECTION

The Michigan Youth Challenge Academy (MYCA) educates, trains and mentors at-risk youth in a quasi-military environment at no cost to participants, giving young people the skills to become productive and responsible citizens. Applying the military model to alternative education, the Academy promotes competency development through academic opportunities, life skills and vocational preparation.

Candidates of the MYCA are eligible for the Michigan Job Challenge program if they are physically and mentally capable of participation. The program focuses on career preparation and continues to provide opportunities for academic accreditation.

Both the MYCA and the Michigan Job Challenge program are free to participants and there is no requirement for military obligation.

HIGHLIGHTS FROM 2022

- Graduates: 190
- Community Service Hours: 8,812
- Graduates Entering the Job Challenge Program: 89

The MYCA traveled to Knightstown, Indiana, to compete in the 2022 Tri-State Challenge. At this competition, the MYCA competed against the Indiana Hoosier Youth Challenge Academy and the Kentucky Bluegrass Challenge Academy in a series of games and events. Ultimately, the MYCA dominated and took the trophy back to Battle Creek!

THE EIGHT CORE COMPONENTS

- Academic excellence
- Physical fitness
- Job skills
- Responsible citizenship
- Leadership and followership
- Service to Community
- Health and Hygiene
- Life Coping Skills



MICHIGAN VETERANS AFFAIRS AGENCY

Authorized strength: 51
Assigned strength: 41

MVAA Director: Zaneta Adams

VETERAN-SPECIFIC STATISTICS (PER VA'S FY 21 "GDX" REPORT, ATTACHED)

- **Michigan veteran population: 554,281 (down 2.4%)**
 - Michigan ranked 11/53 states and territories in veteran population.
 - White veterans (not Hispanic or Latino): 85.6%
 - Black or African American Veterans: 10.4%
 - Hispanic or Latino Veterans: 2.9%
 - Wayne County (81,454 veterans), Oakland (53,284) and Macomb (44,043) – three biggest counties.
- **VA total expenditures in Michigan: \$4.9 billion (up 0.7%)**
 - Average expenditure per veteran: \$8,864 (up 3.1%)
 - VA compensation and pension expenditure in Michigan: \$2.6 billion (15th most of any state in the nation)
 - Michigan veterans connected to VA disability compensation: 20.76%

MVAA BUDGET

- **State-appropriated budget: \$7.4 million. Of that:**
 - \$2.5 million for partnerships, grant opportunities and our executive, budget and data teams
 - \$4.9 million for customer service, marketing, outreach and veteran service provision. Of that:
 - \$1.8 million for strategic outreach
 - \$1.6 million for marketing and communications
 - \$877,098 for customer service
 - \$604,526 for Veteran Service Officers

MVTF BUDGET

- FY22 expenditures totaled \$2,840,394, of which \$1,512,268 was devoted to emergency grants for eligible veterans and their families.
- Another \$308,000 was given to organizations providing programs for veteran families for food assistance and entrepreneurial training.
- Remaining expenditures went toward program and administrative costs on the state and county levels.

SIGNIFICANT EVENTS:

- **Michigan Veterans Leadership Summit, May 11, East Lansing**
 - Inaugural event
 - Attendance: 107
 - Result: Brought together veteran stakeholders across the state to determine best practices for collaboration to better serve our veterans.
- **Women Veterans Conference, June 10-11, Lansing**
 - Inaugural event
 - Attendance: 144
 - Result: Brought together women veterans of all branches, eras, walks of life to network and raise awareness of their contributions, available services and resources, and to improve women veterans' services, including health care from the VA.
- **Veteran-Friendly Schools Education Conference, Sept. 26-27, Grand Rapids.**
 - Second annual
 - Attendance: 85
 - Result: Provided networking, collaboration and guidance for college and university veteran counselors and administrators on how to better serve our student veterans.
- **Veteran-Friendly Employers Innovation Conference, Sept. 28-29, Grand Rapids**
 - Second Annual
 - Attendance: 100
 - Result: Provided networking, collaboration and guidance to veteran-friendly employers across Michigan to recruit, hire, train and retain veterans for their workforces.
- **Michigan Military & Veterans Gala, Nov. 5, Lansing**
 - Second Annual
 - Attendance: 625
 - Result: Brought together veterans, service members, spouses, stakeholders and leaders to celebrate and honor a select group of veterans, service members and stakeholders with awards.
- **Veterans Day Recognition Ceremony, Nov. 10, Lansing**
 - Annual event
 - Attendance: About 60
 - Result: Celebrated our veterans in a formal ceremony that included speeches from leaders and a Vietnam veteran pinning.

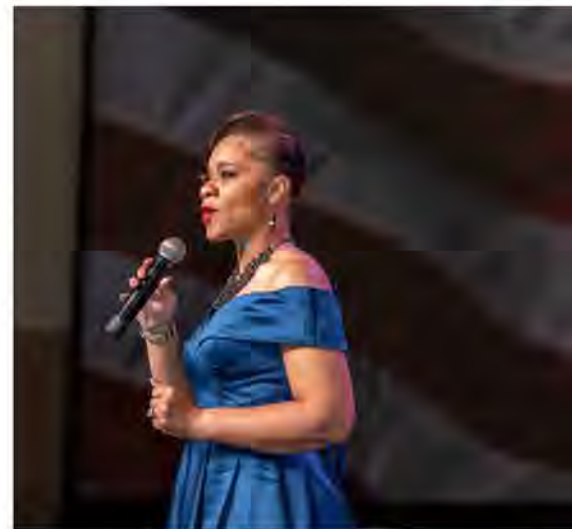


MAJOR CHANGES IN FORCE STRUCTURE, FACILITIES:

- Physical move to new location (Building 32, JFHQ complex) was completed in 2021.
- 2022 changes include new furniture in the lobby and exploring additional storage in the cage area.

SIGNIFICANT ACCOMPLISHMENTS:

- Michigan Veteran Resource Service Center (MVRSC) handled 28,444 cases for veterans and their dependents – a yearly record. 91.5% of veterans who used the MVRSC in FY22 reported they were highly satisfied. MVRSC technicians connect veterans to their discharge papers and myriad benefits, including emergency assistance, education, employment, health care and quality of life benefits.
- Strengthened veteran suicide prevention efforts with a \$1.2 million investment from the Whitmer administration and a grant of \$750,000 per year for up to three years from the VA. With the \$1.2 million investment, the MVAA will expand its Michigan Veteran Connector initiative that enlists businesses and organizations in veteran suicide prevention. With the VA funding, the MVAA will hire two community health analysts to work directly with veterans to address the issues that tie into suicide.
- The Michigan Veterans Trust Fund (MVTF) in FY22 distributed \$1.5 million in emergency grants to 1,185 eligible veterans and their dependents, including, for the first time, peacetime-era veterans who are 65 and older.
- The MVTF gave another \$308,000 to organizations that provide food assistance and entrepreneurial training for Michigan veterans, benefiting an estimated 1,200 former service members.
- MVAA's Veteran Service Officers submitted 647 applications for veterans' benefits and realized \$14,568,263 in recoveries for Michigan veterans and their families.
- Veteran-Friendly Employers (VFE) program, which helps companies and organizations recruit, hire and retain veterans, grew to 529 employers from 402 employers the year before – a 31% increase. That includes 21 prestigious Gold-level VFEs, up from 14 the year prior. VFEs are certified as Gold, Silver or Bronze depending on the level of veteran hiring and support.
- Veteran-Friendly Schools (VFS) program, which helps colleges, universities and trade schools support veteran students, certified 63 schools with either Gold-, Silver- or Bronze-level status. A total of 41 schools were certified at the highest level, Gold, based on their comprehensive support of veteran students.
- Director Adams was invited to the White House on Oct. 13 to brief the Biden administration on Michigan's successful efforts to serve veteran families and discuss the effect of federal initiatives on veterans.
- Partnered with the VA to hold the first two statewide virtual veteran benefits sign-up events (October 2021 and October 2022). More than 1,000 veterans served in total. Veterans filed claims for VA disability benefits, signed up for VA health care, received housing assistance, were referred to peer-to-peer networks such as MVAA's Buddy to Buddy program and/or received other services
- Administered \$12.7 million in state and private grant funding to counties, veteran service organizations and other stakeholders serving veterans and their families to improve veteran services. Grants include the County Veteran Service Fund Grant, the Statewide Veteran Provision Grant and the Michigan Veteran Service Organizations Networking Grant.
- Partnered with the National Veterans Legal Services Program (NVLSP) in July to offer free legal representation for Michigan veterans and their families in appeals before the U.S. Court of Appeals for Veterans Claims.
- Director Adams was elected junior vice president of the National Association of State Directors of Veterans Affairs (NASDVA), one of the largest service providers for veterans in the nation, in August. As junior VP, she chairs the legislative committee, meaning she plays a vital role in determining what veteran-specific issues NASDVA will present before Congress.



MICHIGAN VETERANS HOMES

Michigan Veteran Homes are proud to carry on a 135+ year tradition of caring for veterans who need nursing care. There are three locations across the state for long-term skilled nursing care: Marquette, Grand Rapids and Chesterfield Township in Macomb County. In each home, our mission is to provide nation-leading long-term care and services that enhance the well-being of veterans and their dependents.

MICHIGAN VETERAN HOMES AT CHESTERFIELD TOWNSHIP

Opened: 2021
Capacity: 128
Members (as of 9/30/22): 73
Campus Size: 30 acres
Services: Long-term skilled nursing care, short-term skilled nursing care, rehabilitation and therapy, dementia and memory care, palliative care
Activities: Pastoral care, sporting event trips (including major league baseball), art and music therapy, shopping trips and more.



MICHIGAN VETERAN HOMES D.J. JACOBETTI

Opened: 1981
Capacity: 116 (cap)
Members (as of 9/30/22): 107
Campus Size: <2 acres
Services: Long-term skilled nursing care, short-term skilled nursing care, rehabilitation and therapy, dementia and memory care, palliative care, domiciliary care
Activities: Pastoral care, fishing derby, antique car shows, shopping trips, art and music therapy and more.



MICHIGAN VETERAN HOMES AT GRAND RAPIDS

Founded: 1885
Opened new building: 2021
Capacity: 128
Members (as of 9/30/22): 113
Campus Size: 90 acres
Services: Long-term skilled nursing care, short-term skilled nursing care, rehabilitation and therapy, dementia and memory care, palliative care
Activities: Pastoral care, hunting trips and fishing, nature trail, art and music therapy, shopping trips and more.



FACILITY & INFRASTRUCTURE

The long-term care industry has changed significantly during the last twenty years. One of the biggest changes has been a shift away from a more institutional “medical” care model – like what one might see for patients receiving short-term care in a hospital setting – to a “person-centered” care model, in a more home-like environment.

In alignment with these industry best practices, as well as the USDVA recommendations for State Veteran Homes, MVH’s strategic objectives include a multi-facility bed replacement plan for the State of Michigan’s existing state veteran facilities. This replacement plan includes the construction of new facilities that incorporate the USDVA Community Living Center design recommendations, creating a home-like environment with a veteran-centric focus.

In 2021, MVH completed construction on two new buildings, a new home in Chesterfield Township, and a replacement home in Grand Rapids. In 2022, MVH was fortunate to receive support for the next phase of this effort when Governor Whitmer signed PA 166 of 2022, providing \$34.2 million in state match funding towards the construction of a replacement facility in Marquette. This authorization of state funding was a critical next step towards modernizing MVH’s operations in the Upper Peninsula, as it ensured that Michigan would be considered for federal match funding under the USDVA State Home Construction Grant Program’s FY23 grant cycle.

OPERATIONS

With the opening of two new homes in 2021, the focus in 2022 included scaling up operations at those facilities and incorporating the nursing standards of the Centers for Medicare and Medicaid (CMS) into our daily operations. As well as providing an additional revenue stream that reduces MVH’s reliance on general fund appropriations, CMS certification of these buildings introduced an additional layer of regulatory oversight that ensures MVH will continue to deliver care of the highest quality.

LOOKING AHEAD

One of MVH’s strategic objectives is ensuring that 95% of Michigan’s veterans have access to focused high-quality long term care services within 75 miles of their home and families. As we enter 2023, MVH remains focused on the achievement of that goal through its efforts to modernize the operations of Michigan’s existing state veteran homes and construct additional geographically dispersed Homes in the state.





Michigan National Guard

**COVID-19 WRAP UP
UNITED STATES PROPERTY & FISCAL OFFICE
SECURITY COOPERATION DIVISION
CONSTRUCTION AND FACILITIES DEPARTMENT**

MICHIGAN NATIONAL GUARD

COVID-19 SUMMARY

STATE COVID-19 RESPONSE SUPPORT
(16 MAR 2020 - 30 JUN 2022)

3,158

Total Service Members involved
in the COVID-19 Mission

83 of 83

Counties Supported

2

Veteran's Homes Supported

5,676 / 657

Missions /
Facilities Supported

393 / 1800

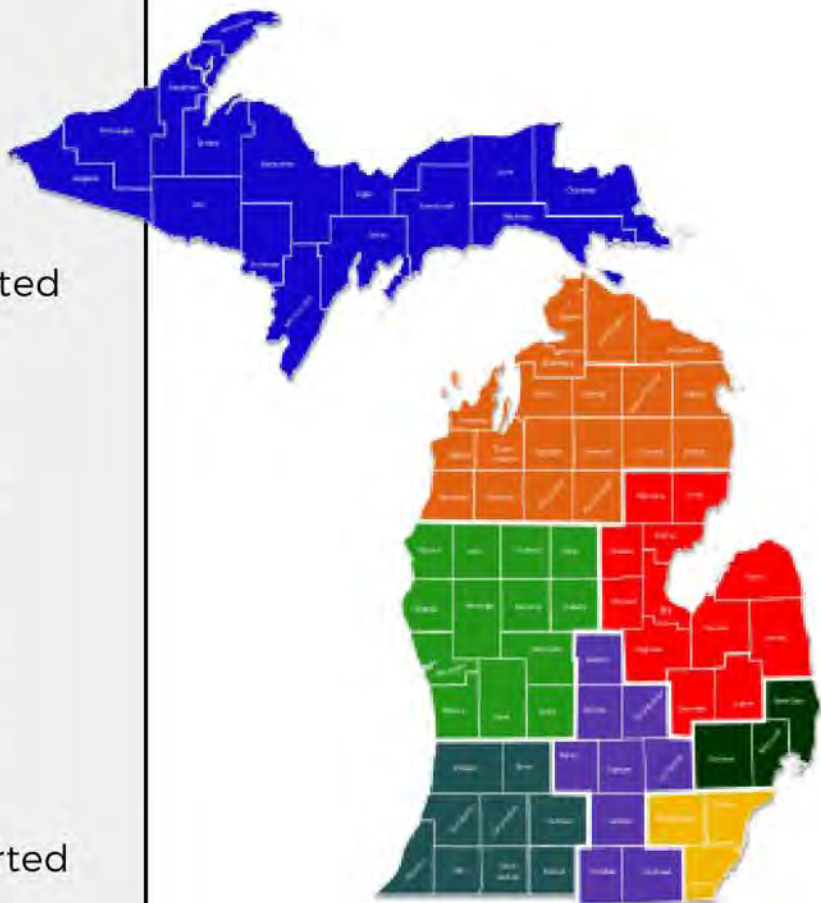
Antigen TNG Sites /
Personnel Trained

2,242,613

Total Vaccinations Supported
MING and Civilian

\$78.50 Million

Estimated Cost Associated



MICHIGAN NATIONAL GUARD

COVID-19 SUMMARY

STATE COVID-19 RESPONSE SUPPORT
(16 MAR 2020 - 30 JUN 2022)

FOOD BANKS

Locations: 10

68.07 Million

Lbs. Processed/Distributed



COVID-19 TESTING

44,273

Tests Distributed



VACCINES ADMINISTERED BY MING

526,152

Vaccine Doses



COVID-19 TESTING

319,811

Tests Conducted



Since March 18, 2020, over 3,150 service members from the Michigan National Guard (MING) have conducted domestic response operations supporting all 83 of Michigan's counties and 19 local health departments. MING supplemented Michigan's health care system by assisting in construction and operation of two Alternate Care Facilities, resulting in an additional 2,000 bed capacity in Metro Detroit. MING Service Members supported ten food bank distribution centers and four warehouse support supply missions for over a year. Throughout the state, MING teams & working groups provided a broad spectrum of support across numerous fields, including medical operations, gubernatorial communications support, and augmentation of the Bureau of Laboratories testing and transport capabilities. Further, MING efforts were integral in the early days of the emergency in the coordination efforts with SEOC personnel, COVID testing at twenty-two MDOC correctional facilities, long-term care facilities, and numerous drive-thru locations. MING personnel supported the efforts to vaccinate Michigan residents alongside our civilian counterparts, jointly administering over 2.24 million vaccine doses statewide, training our civilian counterparts in testing procedures, and supporting all six service branch's of the DoD/DHS. Over two dozen SMs also supported the Michigan State Youth Academy, making it one of ten nationwide programs to remain operational during the pandemic.

UNITED STATES PROPERTY & FISCAL OFFICE

USPFO MISSION

The United States Property & Fiscal Office (USPFO) receives and accounts for all funds and property of the United States in the possession of the Michigan National Guard and ensures that Federal funds are obligated and expended in conformance with applicable statutes and regulations. Makes returns and reports on Federal funds and property as directed by the Chief, National Guard Bureau (NGB) and the appropriate Service Secretary.

The USPFO organization consists of five divisions and is authorized 76 personnel. During Fiscal Year 2022 the USPFO filled 75 of the 76 authorizations.

USPFO DIVISIONS

- Fiscal Management
- Purchasing and Contracting
- Data Processing Center
- Service and Supply
- Internal Review

Labor and management represented in the USPFO from January 2022 to December 2022

- Title 10 – 1
- Title 32 – 24
- Title 5 – 50
- FTNG – 0

PURCHASING & CONTRACTING

- P&C executed the award of 69 supply contracts and 81 Service contracts. Funds were obligated in the amount of \$14,079,435
- The Government Purchase Card program executed 1315 transactions and obligated actions in the amount of \$1,300,000
- 5/6 Small Business Set-aside Goals were met. The service-disabled veteran owned business goal was missed by .64%.

SUPPLY AND SERVICES SECTION

- Maintained a budget execution higher than like sized states
- Facilitated the successful mobilization of six MIARNG units for overseas and stateside missions with: Property book management support, Travel coordination, Shipping and storage of equipment, Soldier outfitting
- Facilitated over 9,000 turn-ins of excess and obsolete equipment worth over \$50 million, significantly reducing MI's excess property to meet and exceed NGB requirements
- Re-utilized over \$3 million of individual equipment
- Managed the receipt of over \$48 million of modernized equipment for the MIARNG
- Processed over 4500 exchanges of ammunition and explosives that supported State, National, International exercises, and CONUS/OCONUS deployments

2060 funds (Payroll) received \$102.1 mil

- Funding spent: \$102.1 mil
- Execution Rate: 99.99%

2065 funds (operations/maintenance) received: \$163.8 mil

- Funding spent: \$162.8 mil
- Execution rate: 99.38%

2060 FEMA MA funds (Payroll) received: \$15.4 mil

- Funding spent: \$16.6 mil
- Execution Rate: 108%

2065 FEMA MA funds (operations/maintenance) received: \$17 thousand

- Funding spent: \$16.2 thousand
- Execution Rate: 95.27%

Achieved National Guard Bureau's goal of 80 percent obligated by July 1 for 2065 funds.

MICHIGAN COUNTERDRUG TASK FORCE

COMBATTING DRUG TRAFFICING ORGANIZATIONS (DTOS)

Organized Crime Drug Enforcement Task Forces (OCDETF)

The principal mission of the OCDETF program is to identify, disrupt, and dismantle the most serious drug trafficking and money laundering Transnational Criminal Organizations (TCOs) and those primarily responsible for the nation's drug supply.

Estimated Street Value

Estimated street value calculated using Michigan HIDTA 2021 drug threat assessment, DEA Detroit Division 2021 4th QTR pricing, and Magloclen RISS.

LEAs Supported Calculation

LEAs Supported include subordinate offices to one agency. As an example, all of the Multi-Jurisdictional Task Forces (MJTFs) are counted separately even though they are part of the Michigan State Police (MSP) for Agency Support Request (ASR) purposes.

Benefits to LEA Partners, State and National Security



42 Analysts Assigned in Direct Support of 26 LEAs



341 Arrests
209 Weapons Seized



90% of Program Budget Allocated In Direct Support of LEA



\$2.65 Million Illicit Drug Revenue and Assets Seized



49 Aviation Recon/Observation Missions - 172 Flight Hours of Support of LEA



\$76.4 Million Drugs Seized
Estimated Street Value
\$47.4 M Cocaine
\$20 M Methamphetamine
\$5.7 M Fentanyl
\$1.2 M Pharmaceuticals
\$1.1 M Marijuana
\$850 K Heroin
\$150 K Other Drugs



Analysis of 64,412 Hours of LEA Collected FMV

Benefits to DoD



57 Personnel Assigned and Maintain Force Readiness Requirements



Approx. 65 Training Flight Hours UH-72



Mobilizations Supported: 9 Personnel T10 OCONUS

FY2022 \$4.96 M Budget

MING SECURITY COOPERATION DIVISION

For the Michigan National Guard, 2022 marked the 13th year of partnership with Liberia and the 29th year of partnership with Latvia. Newly developed security cooperation efforts coming to fruition in 2022 include integration into the North Atlantic Treaty Organization (NATO) Multi-National Division - North (MND-N) in Latvia, beginning development of a Non-Commissioned Officer (NCO) Academy in Liberia, and MI ARNG providing a Battalion of M777 Field Artillery to Latvia in support of the Large Scale Global Exercise (LSGE) Defender Europe 22.

2022 also saw the Michigan Army National Guard (MI ARNG) begin developing partnerships and security cooperation initiatives within the USINDOPACOM Area of Responsibility (AOR) and adding an INDOPACOM Desk Officer to the Security Cooperation Division (SCD) team. The SCD planned and supported an unprecedented number of non-U.S. Partner and Ally Distinguished Visitors (DV) in 2022. Of note, the Republic of Latvia President, Prime Minister, and Ambassador visited Michigan to discuss future security cooperation engagements with MING. In total, SCD planned and supported a total of 7 Key Leader Engagements throughout FY22.



LIBERIA

Security Cooperation efforts with Liberia remain strong and recent success have led to an evolution into regional security cooperation opportunities across West Africa. In FY22, Security Cooperation efforts with the Michigan National Guard (MING) led to a renewed Tri-Lateral partnership between the Armed Forces of Liberia (AFL), the Latvian National Armed Forces (LNAF), and MING. Additionally, work toward a regional partnership to include Sierra Leone began in FY22, with the primary objective being the shared use of the planned AFL NCO Development Academy.

FY22 SPP efforts with Liberia experienced a 230% increase in Mil-to-Mil funding over the previous year. The SCD, in coordination with the Office of Security Cooperation (OSC), maximized resourcing efficiencies through the nesting of efforts between USAFRICOM, SETAF-AF, and MING priorities: 341, 321, 333, and Title 22. A majority of Security Cooperation Engagement Teams (SCET) were Joint endeavors between MI ARNG and MI ANG.

FY22 SPP - Liberia Highlights include:

- 15 in-person engagements
- 13 virtual engagements
- 2 Key Leader Engagements
- Creation of a new Tri-Lateral partnership with Latvia
- Development of a West Africa Regional effort to share SC interests within the existing partnership framework
- Began development of a new NCO Academy
- Assisted in opening of a new military-led hospital enabling service to the civilian community



LATVIA

The SPP relationship between MING and LNAF is exceptionally mature, spanning nearly 30 years. Due to the maturation of this partnership, 2022 proved an environment rich in opportunity for enhanced synchronization of US and NATO interests through Security Cooperation and 341 Authority efforts. New, significant partnerships in 2022 tied to Latvia have begun with the US Army V Corps and the NATO MND-N Headquarters.

2022 presented an energetic post-COVID SPP operating environment to include five high-level senior leader engagements. These included a visit from the Latvia Ambassador to the US, the President of Latvia, and the Prime Minister of Latvia. These engagements highlighted the strength of the partnership and served to develop new initiatives further in FY22 and beyond.

FY22 SPP - Latvia Highlights include:

- 58 in-person engagements
- 8 virtual engagements
- 10 Key Leader Engagements
- Creation of a new Tri-Lateral partnership with Liberia
- Initiated development of the Air Component Battle Network (ACBN) with Latvia
- Conducted 2 staff exchanges with MND-N and MI ARNG personnel
- Supported 7 Key Leader Engagements in Michigan



CONSTRUCTION AND FACILITIES DEPARTMENT

Received \$55.0 Million dollars to modernize 34 armories for inclusion. Currently one armory is complete, nine are under construction or bidding, fourteen are ready awaiting matching funds, ten are currently being designed.

- Executed/obligated over \$52 million federal dollars and over \$4.7 million state dollars

- Completed eight construction projects outside of armory modernization effort:

- Camp Grayling, BLDG 48M, Administrative Offices
- Camp Grayling, Fiber upgrades (entire site)
- Camp Grayling, MILCON Wastewater Treatment Plant
- Camp Grayling, BLDG 1423, Maintenance Building
- Fort Custer, BLDG 2550 Company Ops Building
- Grayling Army Air Field, MILCON, Hangar
- Grayling Army Air Field, Underground utility upgrades
- MI(-), Dowagiac Boiler replacement

- Have eleven ongoing construction projects outside of the armory modernization efforts:

- Grayling Army Air Field, BLDG 1142, Officers Quarters
- Grayling Army Air Field, BLDG 1144, Enlisted Barracks
- Grayling Army Air Field, BLDG 1173, Classroom
- Grayling Army Air Field, BLDG 1182, Officers Quarters
- Camp Grayling, BLDG 675, Maintenance Building
- Camp Grayling, BLDG 674, Maintenance Building
- Camp Grayling, Range 1 modernization
- Camp Grayling, Range 30, utility & communication upgrades
- MI(-), Marquette Boiler replacement
- MI(-), Greenville Maintenance Bay addition
- MI(-), Augusta Mechanicals and Roof repairs

- Have four projects being designed for FY23 execution:

- Grayling Army Air Field, MILCON, New armory
- Grayling Army Air Field, ERCIP MILCON, Natural Gas Turbine/Generator
- Camp Grayling, MILCON, Components Cleaning Building
- Camp Grayling, Recreational Facilities

- Purchased GPS surveying equipment to complete in-house surveying of property and assets, track environmental interests (eagle habitat), and assist training of National Guard Soldiers with site gathering data for project development.
- Restructuring our Facilities Maintenance Section to provide better coverage and oversight of maintenance activities.
- Updated fifteen armory lighting upgrades to LEDs, creating a cost savings of 25%.
- Cleaned four armory asbestos abatement projects.



ENVIRONMENTAL STEWARDSHIP

SIGNIFICANT ACCOMPLISHMENTS:

- Successfully turned in unwanted AFFF materials which reduced our risk of an adverse spill event greatly. One of only a few states to accomplish this goal. Just in time too, the containers were showing signs of serious degradation.
- In support of Northern Strike provided regulatory spill prevention plans on a short turnaround that provided a resource to cleanly operate a deployment of 100,000 gallons of supplemental F24 fuel, allowing the training to proceed as planned.
- Launched an online pollution prevention training resource that provides on-demand training to both state and federal users utilizing a mirrored approach to host on both systems.
- As part of Notre Dame's \$1.5 million Strategic Environmental Research and Defense Program (SERDP) funding to refine Environmental DNA monitoring techniques for aquatic species eDNA samples were collected from select bodies of water at FCTC. The data will be used to help installations that cannot do traditional assessment methods (like electrofishing) due to UXO considerations be able to inventory the aquatic species on their installations.
- EMR population survey- conducted annual population survey to assess the status and viability of the Federally threatened eastern massasauga rattlesnake. The survey is implemented in partnership with Federal and State Agencies, Universities, and non-governmental conservation organizations.
- Hosted the second annual Camp Grayling disabled veterans deer hunt.
- The ITAM program at Fort Custer repaired more than 2 miles of maneuver trails and treated more than 100 acres of thorny and brushy vegetation on Land Navigation Course #5, in addition to maintaining 12 bivouac sites and 4 medevac landing zones. The ITAM program also worked closely with the RTSM to increase functionality and utility on the H8 (wet recovery) course in Training Area 2.
- Leading state in developing compliance program modifications to support on-going investigations into PFAS stormwater discharge. Negotiated favorable schedules with the Regulators to continue analysis.
- Updated UST compliance binder approach to improve LARA inspection performance
- Performed rapid reviews of applications for soil erosion control and approval to perform earth movement which kept fast-tracked construction on track. Did so with little to no involvement in early stages which would have improved speed of review for all parties.
- Continued our mission with reduced staff and numerous members of the team wearing multiple hats. Our customers received minimal to no disruption in our services during the transition period.
- Created new program management tools using Microsoft 365's OneNote that allows for collaboration and hyperlinked information. This has improved the onboarding of new staff and improved communication with contractors.
- Completed study with the Army Corps of Engineers and other contractors that focused on establishing the species of frogs, turtles, salamanders and reptiles on the installation using traditional survey methods and environmental DNA. This work established the presence of two types of salamander not previously known to be on the installation: the four-toed and small-mouth salamanders, the latter of which is state endangered.
- Conducted an innovative invasive species assessment and prioritization project with Michigan Natural Features Inventory using remote sensing technologies that greatly reduce expensive and time-consuming on the ground efforts. This work will help direct our invasives management to select the species that are most impactful to training and more likely to be controlled with our invasive management work.
- Hosted a wildland fire and urban forestry class for 35 students in cooperation with Michigan State University and Michigan Department of Natural Resources that seeks to increase diversity and equity in these fields by teaching cohorts of women and People of Color in these fields. Over the course of five days these students completed their basic wildland firefighter training (S130/190), learned tree climbing techniques, and forestry assessment skills. Through the time 35 students participated.
- Managed 300 acres of tactical openings for mission essential tasks and live fire opportunities in collaboration with National Wild Turkey Federation and Michigan DNR to support both the DMVA mission to train and the DNR's wildlife action plan.
- Began conducting training lands surveys to identify and prioritize damaged training lands for restoration based on use.
- Conducted research on two species of imperiled turtles in partnership with Purdue University. The research focused on nesting locations, hatch success and survival.
- Completed a comprehensive assessment of existing stream & wetland road crossings. The condition of existing crossing was assessed, including prioritization, and recommended BMPs.
- Initiated collection of native seed for restoration and management of training areas, as well as ecological restoration.
- Participated on the regional Invasive Species Network (ISN) steering committee with NGO, State, and Federal partners to coordinate efforts at a landscape scale.
- National Public Lands Day grant- secured grant funding through the National Environmental Education Foundation for tree planting and establishment of a native pollinator demonstration garden.
- Developed methods for recording and analyzing field data such as species management, ITAM, forestry and compliance.

Michigan Air National Guard

A rear view of a military aircraft, likely a B-52 bomber, flying over a green field with a dense forest in the background. The aircraft is centered in the lower half of the frame, showing its two large engines and the tail section. The background is a lush green forest under a bright sky.

110TH WING

Battle Creek Air National Guard Base

127TH WING

Selfridge Air National Guard Base

Wing Commander: Brig Gen Rolf Mammen
Wing Command Chief Master Sergeant: CMSgt Rick Gordon

127TH WING

SELFRIDGE AIR NATIONAL GUARD BASE

Total Military Assigned: 1376

BATTLE CREEK ECONOMIC IMPACT INFORMATION:

- Full-time Payroll: \$39,407,699
- Drill Status Payroll: \$25,415,897
- Annual Appropriated Expenditures: \$13,748,584
- Total Economic Impact: \$78,572,181

127TH AIR REFUELING GROUP

Total Fleet Size - 8 PAA
Volume of fuel transferred 3,811,800 pounds
Total Hours Flown 1,581.4 hours
of Sorties 429 sorties

Airfield Mgt	
Total # of SANGB Take Offs	7,268
Total # of SANGB Landings	7,268

- In Spring 2022, the 127th Wing explored future capabilities of the A-10 Thunderbolt to be the next aircraft equipped with the Miniature Air Launched Decoy MALD, also known as the ADM-160. The MALD is a small, unmanned air-launched flight vehicle designed to duplicate combat flight profiles on the enemy radar.
- May 2022 - held a large-scale home station dual-aircraft mission contested generation exercise with a Nuclear Operational Readiness Exercise for the 127th Air Refueling Group's KC-135s. The A-10s were generated to participate in Red Flag Rescue in Arizona. The 107th FS at Red Flag-Rescue had the unique opportunity to work alongside partner forces in order to significantly improve interoperability with our allies. This ensured that Airmen of the 107th were equipped with the skillset necessary to assist NATO forces which included French, Italian, Colombian and Singaporean forces. The 107th FS flew 76 missions / 195 hrs during / Day / Night missions at RF-R 22-1 which included Mission Planning Cell Chief, Rescue Mission Commander, CSAR (Sandy 1 through Sandy 4), FAC (A), Air Interdiction, SCAR and CAS.
- May/June 2022 - The 127th Wing hosted 1,000 middle and high school students from 20 southeastern Michigan schools to showcase Science, Technology, Engineering, Aviation and Mathematics (STEAM) career fields. In three separate events, we engaged students through interactive opportunities.
- June 2022 - During exercise Northern Agility 22-1 in Michigan's upper peninsula, 127th Wing A-Staff planners developed numerous military responses to an imaginary attack, on an imaginary island, countering with not-so-imaginary weaponry, tactics and innovative technologies developed to support long range combat missions. NA 22-1 showcased the Air Force's Agile Combat Employment (ACE) doctrine, specifically the ability to conduct Integrated Combat Turns (ICT) as the A-10s landed on a UP highway. The KC-135s participated with hot pit refueling and wet wing defueling during the exercise.
- July 2022 - Gov. Gretchen Whitmer hosted U.S. Secretary of the Air Force Frank Kendall III at Selfridge.
- July 2022 - The 127th Wing hosted more than 100,000 visitors at the 2022 Selfridge Open House and Air Show on base. The free event was open to the public and featured aerial acts and static displays highlighting the U.S. military.



- Less than six weeks after conducting the first highway-based A-10 Thunderbolt II Integrated Combat Turns (ICTs), Airmen from the 127th Wing achieved a milestone for the Air Force's Agile Combat Employment (ACE) doctrine. For five consecutive days, A-10s from the 127th Wing conducted operations from separate locations across the state, including Cherry Capital Airport in Traverse City, Grayling Army Airfield, Oscoda-Wurtsmith Airport, Alpena Combat Readiness Training Center, and Battle Creek Executive Airport in an exercise known as Northern Agility 22-2.
- The Department of the Air Force issued a Draft Environmental Impact Statement (EIS) for the beddown of a Foreign Military Sales (FMS) Pilot Training Center (PTC) at Ebbing Air National Guard Base (ANGB), Ark., or Selfridge ANGB. As part of the ongoing public involvement process associated with the EIS, two public hearings were held to receive public comments on the environmental impacts of the Proposed Action presented in the Draft EIS.

COMBAT DEPLOYMENTS

Large Deployment of approximately 284 people for RCP7

	FY22
# Personnel Deployed	284
Named Operations	SPARTAN SHIELD
	INHERENT RESOLVE
	OPERATION ALLIES WELCOME
	FREEDOM SENTINEL
	PACOM THEATER SUPPORT PACKAGE
	JOINT TASK FORCE GUANTANAMO

# of Passengers deployed	1,078
Tons of Cargo Moved	281 tons
# of States Deployed to	7
# of Countries Deployed to	10
# of Worldwide Missions	88



127TH OPERATIONS GROUP
Total Fleet Size: 18 PAA
Total Hours Flown: 2,523hours
of Sorties: 1,968 sorties

Total Ordnance Expended	Training	Combat
BDU-33	2,137	0
BDU-50	160	0
MK-82	93	0
2.75 Rockets	362	0
AGR-20A APKWS	47	0
GBU-12	24	0
GBU-54	5	0
GBU-31	9	0
GBU-38	21	0
AGM-65	65	0
30MM rounds	99.5k	0



127TH FORCE SUPPORT SQUADRON

RECRUITING & RETENTION	FY19	FY20	FY21	FY22
FIRST TIME ENLISTMENTS	145	136	135	38
OFFICER ACCESSIONS	14	13	19	16
REENLISTMENTS/EXTENSIONS	N/R	N/R	N/R	183
PERSONNEL ASSIGNED	# Auth	# Assn	FY21	FY22
ACTIVE MILITARY		262	266	292
MILITARY TECHNICIANS		224	176	167
TRADITIONAL GUARD/RESERVE		978	N/R	917
FEDERAL/STATE CIVILIAN		286	281	268
CONTRACTOR		25	N/R	N/A
FOREIGN NATIONALS		NA	N/A	N/A
TOTAL	0	1775	723	1644



110TH WING

BATTLE CREEK AIR NATIONAL GUARD BASE

Total Military Assigned: 954
Total Full-Time: 268

Wing Commander: Col Daniel Kramer
Wing Command Chief Master Sergeant: CMSgt Jenny Balabuch

BATTLE CREEK ECONOMIC IMPACT INFORMATION:

- Full-time Payroll: \$39,407,699
- Drill Status Payroll: \$25,415,897
- Annual Appropriated Expenditures: \$13,748,584
- Total Economic Impact: \$78,572,181

BATTLE CREEK SUSTAINMENT, RENOVATION AND MODERNIZATION:

- Initial FY 21 budget Sustainment, Renovation and Modernization funding: \$430,000
- End of year Sustainment, Renovation and Modernization total funding: \$5,472,500
- End of year fallout received: \$5,042,500

INFRASTRUCTURE

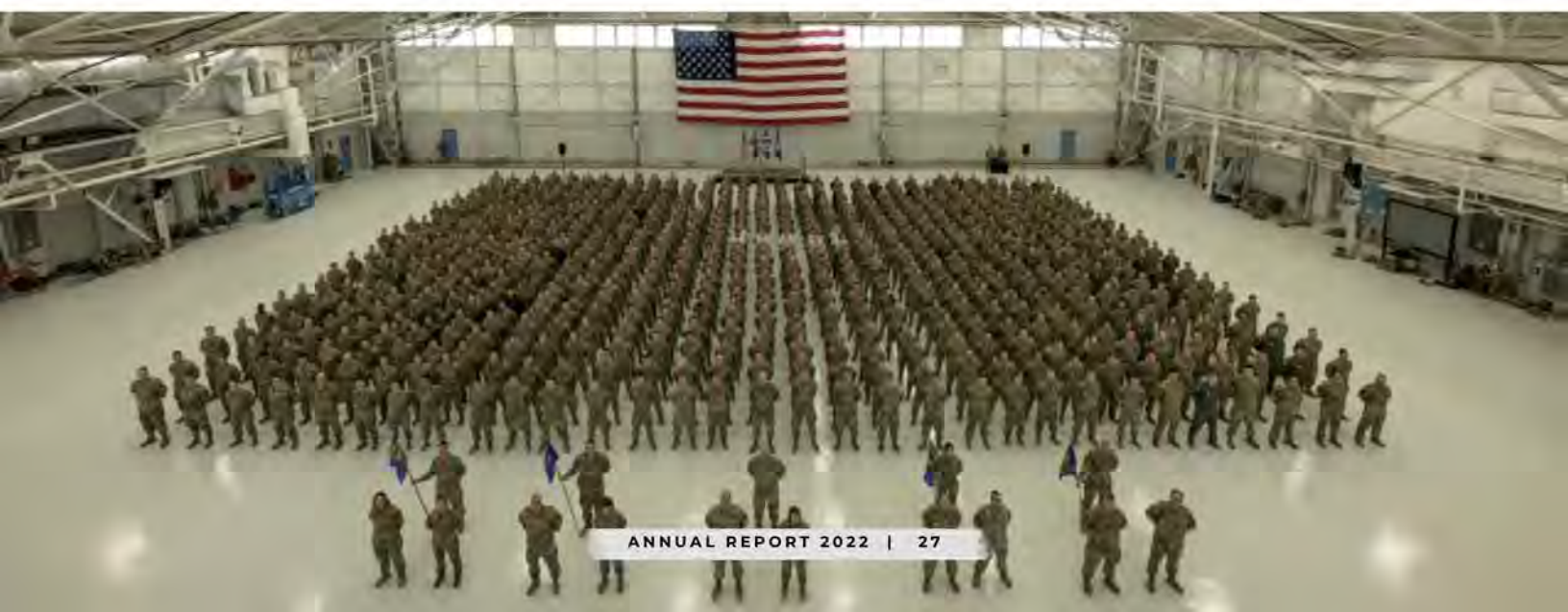
Robust, Reliable, Relevant infrastructure with room for growth:

- 348 acres of land
- 66 buildable acres, 23 of which facilitate flight line/apron access
- 38 facilities totaling 404,553 square feet
- Classified Processing Areas: 35,179 sq. ft.
- Sensitive Compartmented Information Facilities (SCIF): 27,000 sq. ft.
- Robust and resilient Information Technology Infrastructure:
 - 2 x Optical Digital Cross-Connect (ODXC) Nodes, OC48 (2.488 Gbps)
 - 4 times the capability of other similar ANG Bases
 - 2 x Multi-protocol Label Switching (MPLS) Nodes (1 Gbps)

110th WING HIGHLIGHTS

The 110th Wing's mission statement is the preeminent multi-domain ANG Wing providing MQ-9, Cyber Defense, Agile Combat Support, Command & Control, and Operational Planning for Combatant Commanders and Civil Authorities.

- Sustained 100% manning during national multi-decade recruiting crisis with 113 accessions and a 90% retention rate.
- Outstanding wing participation in NGB Level Intelligence Oversight inspection: "The level of involvement and engagement by Commanders, IGs and Airmen of the 110th WG demonstrates the significance and seriousness they place in ensuring their operations are executed in accordance with Intelligence Oversight."
- Supported Operation ALLIES WELCOME, 43 members with immediate support on ground within 72 hours
- 611 members across four CCDMs supporting 34K days: NORTHCOM, SOUTHCOM, INDOPACOM, and EUCOM/AFRICOM
- Solicitation of \$10M new Gate MILCON project providing infrastructure upgrades and direct investment into the local community.
- Rapidly employed 48 personnel in-place to support USAFE-AFAFRICA as they managed the initial stages of Russia's invasion of Ukraine. This provided the Active Duty enough breathing room to respond to a Request For Forces from the theater to deal with the crisis.



SPP

- Collaborated on two remote Latvian Cyber Defense Unit exercises; led Exercise PHOENIX HUNT & participated in Exercise WINTER FROST—key to 32 total training house & 56 operators trained w/ zero travel cost...kept SPP going strong!
- Conducted 8 State Partnership medical missions for Liberian 14 Military Hospital and invited to African Partnership Outbreak Response Alliance (APORA) as subject matter experts, both of which resulted in continuous process improvements, strengthening relationships, knowledge exchange, and life saving measures.

FAMILY SUPPORT INFORMATION

- Supporting Airman, and Families of the 110th Wing, JFHQ, Alpena CRTC as well as Service Members the local Fort Custer area with over 1,000 hours logged in support of members and families through programs, consultations, information, and resources.
- Created electronic and hard copy resource materials which were distributed monthly, to all branches of service in the Battle Creek Area. Additionally, the team developed a MI ANG resource marketing booklet, distributed electronically this year with hard copies available for future use to take care of families and members.
- Assisted Service Members with over \$80,000 in emergency assistance package requests for financial needs while further developing community partnerships to enhance the support to our base and our local community.

110th OPERATIONS GROUP

The 110th Operations Group's mission is to provide both exemplary intelligence-surveillance-reconnaissance support with the MQ-9 "Reaper" remotely piloted aircraft and cyber protection capabilities.

- Participated in WINTER FROST, BALTIC GHOST, PHOENIX HUNT, RIM OF THE PACIFIC (RIMPAC), AGILE RAGE, NORTHERN STRIKE, NORTHERN AGILITY, Naval Carrier Strike Group Fleet Synthetic Training, and several smaller exercises in support of federal and State partners while continuously supporting our 24/7/365 federal MQ-9 mission and a 6-month mobilization for our cyber mission.
- 13 members filling key roles at the national level during 2022: National Guard Bureau (NGB), National Security Agency (NSA), Joint Special Operations Command (JSOC), 1st Air Force, Headquarters Air Force (HAF), United States Air Forces Europe (USAFE).

172d ATTACK SQUADRON (ATKS)

- Flew 6,269 Hours and 338 Sorties in support of combat operations in 3 separate Areas of Responsibility (AORs) supporting 8 Named Operations through 24 Named objectives in 4 countries and supported 4 Special Operations (Marine Corps Forces Special Operations Command (MARSOC) /Special Operations Command Central (SOCCENT) Teams.
- Improved home station training capabilities by having first intentional operational line downtime, surging operational line, and flying MQ-9 training missions CONUS.
- Improved virtual training options with our Simulator – the first unit to use the virtual option (DMO/DTOC) for MAJCOM Midpoint readiness exercise/inspection, labeled as "Benchmark."
- First MALET Stand Alone Trainer (MSAT) customer integration via Unified Video Dissemination System (UVDS), integrating 8 units and accomplishing four mission essential tasks (METs).
- Initiated building relationships to support new customers: US Navy, Air Force Research Lab (AFRL), Air Force Special Operations Command (AFSOC), Joint Special Operations Command (JSOC), US Marine Corp, The Office of the Chief Digital and Artificial Intelligence Officer (CDAO), Department of Defense Information Networks (DODIN), Kelly Johnson Joint All-Domain Innovation Center (KJJADIC).



272d CYBER OPERATIONS SQUADRON (COS)

- Conducted cyber defense of AOC in response to Russian invasion of Ukraine; protected 292 critical systems & resolved 900+ alerts—assured 24/7 C2 capes for EUCOM & AFRICOM over 2-month crisis response
- Innovated cyber training range use; became 1st squadron to pioneer Private Cyber Training Environment for ANG exercises; conducted 5 events which trained 52 personnel on 162 training objectives—enabled range resource expansion to 15 additional ANG units
- Coordinated Exercise AGILE RAGE 2022 cyber execution; expanded involvement to four states including a certified cyber red team—key to 48 training hours for 68 operators
- Supported California ANG 6-month cyber mobilization; deployed crew member identified enterprise-level intrusion affecting over 9K users & eradicated nation-state actor—secured unclassified AFNET enclave resulting in mission success for 616 Operations Center.
- Placed #3/15 teams in Michigan Merit's Annual International Cyber Exercise; competed against ARNG, Serbian AF, Estonian AF, over 10 straight hours to showcase cyber defense/offense skills—boosted MI's status as cyber training provider

110th MISSION SUPPORT GROUP

The 110th Mission Support Group is responsible for providing Agile Combat Support to the 110th Wing. The Group is composed of approximately 350 Airmen, contractors and civilian employees across 5 squadrons.

- Supported Operations FREEDOM SENTINEL, SPARTAN SHIELD, INHEREENT RESOLVE, ENDURING FREEDOM and Joint Task Force Guantanamo.
- Provided security augmentation support to Aviano Air Force Base providing defender force to Europe's largest munition stockpile worth \$598 million and 56 aircraft worth \$2.4 billion.
- Deployed 44 engineers to Yokota Air Force Base, Japan who completed more than 5,100 career field training tasks directly contributing to enhanced readiness while facilitating airmen development and mission execution.
- Executed 13,231 days of school orders totaling \$2.73 million in funding increasing overall readiness and mission accomplishment for the 110th Wing.
- Provided 8,000 gallons of fuel to Defense Logistics Agency, the United States Marine Corp, and Michigan Army National Guard to support refueling operations that enabled joint and state partner exercises, missions, and readiness.
- Maintained a fleet of 66 vehicle valued at \$7.8M, more than 1,500 assets valued at \$1.5M enabling 6,200 flying hours, upgraded 63 network switches valued at \$670,500 modernizing cyber security hardware to provide secure and reliable communication support to 1,000 customers, and issued 3,287 ID/Common Access cards (269 for the US Navy, 203 for the USMC, 18 for the US Coast Guard, 1,222 for the USAF, 1,125 for the US Army, 3 for NOAA, and 153 DoD Civilians).

110th MEDICAL GROUP

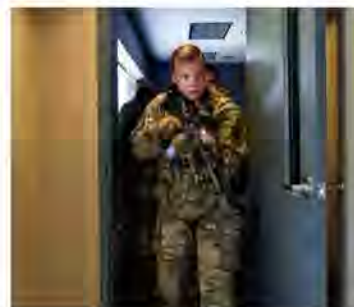
The 110th Medical Group's mission is to improve the readiness, reliability, and relevance of Medical Group personnel, promote health and enhance human performance.

- Provided medical support services for several community and 110th Wing events: DLA exercises (COREX), UoM ROTC, Patriot Run and Road Hog, which resulted in medics providing life saving measures.
- Annual Joint Dental Readiness Rodeo conducted 215 dental exams contributing to \$150K in cost savings and increasing readiness by 35%.
- Birchwood Cares IRT, Tennessee support resulted in 7K completed procedures and more than \$640K in care at no cost to the community.
- Provided Fly PHA rodeo event for Alpena, CRTC ensuring fly capabilities maintained and led to mission execution.

217th AIR OPERATIONS GROUP

The 217th Air Operations Group provides dedicated integrated support to US Air Forces Europe and Africa headquartered at Ramstein Air Base, Germany. Personnel support air staff directorate, strategy, combat plans, combat operations, intelligence, surveillance, reconnaissance, weapons systems communications and air mobility.

- Executed 10,824 Title 10 days for Federal operations from both OCONUS and home station in FY22.
- Led the development and design of a Unit Type Code (UTC) to provide an Information Warfare (IW) capability to the warfighter. This UTC captures an IW capability unique to the AOG and, once approved by Headquarters Air Force and postured in Michigan, answers a much-needed requirement identified by USAFE and INDOPACAF.



Michigan Army National Guard

A soldier in camouflage gear is working on a large green military cannon in a field. The cannon is mounted on a trailer and has a long barrel. The soldier is leaning over the cannon, possibly adjusting or inspecting it. The background shows a field with some trees in the distance under a blue sky with clouds.

**DEPLOYMENT / MOBILIZATION READINESS
OPERATIONS INFORMATION
RECRUITING AND RETENTION BATTALION
AVIATION AND SAFETY
STATE SURGEON
63RD TROOP COMMAND
177TH MILITARY POLICE BRIGADE
272ND REGIONAL SUPPORT GROUP
46TH MILITARY POLICE COMMAND**

MOBILIZATION READINESS OPERATIONS

Total Soldiers Deployed during FY22: 702

3 COCOMs: CENTCOM, EUCOM, and NORTHCOM

- 3 Named Operations: Operation Spartan Shield, Operation Inherent Resolve, and Southwest Border

4 units Deployed in FY22

1 unit demobilized in FY22 that deployed in FY21

Total of 67 Individual Mobilizations

- 43 CONUS in 23 Locations
- 24 OCONUS in 11 Location

Supported 5 Units in alternate Missions (C2CRE, ARF, MSF)

Conducted 11 SRP Events



MING J33 JOINT OPERATIONS CENTER

Information Sharing and Management

- **Over 1,000 Commanders Critical Information Requirement Reports involving MING members, facilities and events provided to Senior Leaders.**
- **Managed Mission Command construct over 3 different Base Orders**
 - Operation COVID Hammer (COVID-19 Response Guidance) (Sunset 30 June 2022)
 - Operation Swift Response (Civil Support Guidance)
 - Operation Veritas (Army Base Order Guidance)
- **Retrograde management of COVID response end of Mission 30 June 2022.**

Collaboration State to State, within the State, Nationally

- **Open Dialogue with ARNG and NGB for information sharing IOT support National partnerships and response coordination.**
- **State agency coordination for civil response, analysis and support.**
 - Working with MSP, State Emergency Management Office on supporting a search for a missing person in the vicinity of Ontanogon, MI Sept 2022.
 - Initial notification came to JOC from Tyndall AFB Search and Rescue o/a 8 Sept 2022
 - Coordination involved JOC, J39, MI JOC, Tyndall AFB, Wisconsin JOC and Michigan State Police and State Emergency Operations Center. Determination made with all parties that MING assistance was not warranted or needed in this instance

TF Tribute

- Provided overall Mission Command for the event, MC, OIC and NCOIC for TF Tribute kick off event at Michigan State Capitol. Event included the send off from Governor Gretchen Whitmer and TAG Michigan. Managed Static Military displays and logistics coordination for flyovers, cannon salute, 126th Army Band and coordinated with state and local agencies for road closures and crowd control.

Hurricane Ian

- **Coordinated with FL NG for Hurricane Ian Response. MING did not send any assets to this response, however the EMAC between the states required that we build an initial response with resources requested.**
 - Response involved 3 rotary wing aircraft plus maintenance crews and sustainment to operate for three to five days depending on mission requirements and ability to use on site facilities.

MICHIGAN ARMY NATIONAL GUARD
**RECRUITING AND RETENTION
BATTALION (RRB)**

Authorized Strength (AGR) 163 Authorized
Assigned Strength (AGR) 160 Assigned

MISSION

The MIARNG Recruiting and Retention Battalion (RRB) conducts continuous recruiting, retention, and attrition management activities to achieve authorized end strength objectives and operational force readiness requirements IAW the MIARNG Strength Maintenance Plan.

ORGANIZATION STRUCTURE

- Recruiting and Retention Battalion Headquarters - Lansing, MI
 - Company A - Wyoming, MI
 - Detachment 2 Recruit Sustainment Program (RSP) - Wyoming, MI
 - Detachment 3 RSP - Augusta, MI
 - Company B - Ypsilanti, MI
 - Detachment 7 RSP - Detroit, MI
 - Detachment 9 RSP - Corunna, MI
 - Company C - Grayling, MI
 - Detachment 4 RSP - Grayling, MI
 - Detachment 5 RSP - Ishpeming, MI

STATISTICS

- MIARNG Assigned Strength: 7,983
- Total Accessions: 676
- Total Enlistments: 562
- Total Reenlistments: 777
- Female: 17.95% (-0.22%)
- Diversity: 16.94% (-2.30%)
- Enlisted Training Pipeline Success Rate: 84.4% (-1.0%)
- Total Attrition Loss Rate: 12.1% (+1.9%)



SIGNIFICANT EVENTS/ACCOMPLISHMENTS:

- MIARNG and UofM Football Social Media Campaign - In July 2022, RRB coordinated a MIARNG and University of Michigan (UofM) Football Team engagement at the Grand Ledge Armory to kick off a Name-Image-Likeness (NIL) social media branding campaign consisting of (12) UofM athletes. The campaign resulted in a Social Media engagement rate exceeding ten times the national average enhancing public awareness of the MIARNG.
- Fill Our Ranks \$500 (FOR\$500) Program - In February 2022, RRB implemented a state-funded FOR\$500 program incentivizing current serving MIARNG Soldiers to provide referrals for enlistment into the MIARNG. The program generated over six hundred and fifty referrals and thirty-nine enlistments.
- First Formation - In 2022, RRB instituted a monthly First Formation event for Recruit Sustainment Program (RSP) Warriors to complete individual readiness requirements prior to reporting to their unit of assignment. Over five hundred Warriors attended the events providing immediate improvement to MIARNG medical and personnel readiness.
- Officer Accession Mission - The MIARNG ranked 5th in the ARNG by completing 97 Officer Accessions and achieving a 143.4% Officer Accession Mission Percent.
- ARNG Strength Maintenance Advisory Group (SMAG) Region IV "Directors 54" Recruiter of the Year - SSG Michael J. Brunger
- ARNG SMAG Region 4 "Expert 7" Competitor - SFC Donovan M. Klemkosky
- 2022 MIARNG Recruiter "Rookie of the Year" - SSG Michael J. Brunger



AVIATION AND SAFETY

During the 2022 Training Year, the Michigan Directorate of Aviation and Safety directly contributed to the mission success of Domestic Operations (DOMOPS) and prepared forces for overseas contingency operations in support of the National Command Authority. Aviation units flew over 4,570 safe flying hours while surpassing last year's execution by over 500 aircraft hours. Aviation maintenance continued to improve to achieve DA's mission-capable readiness goals while maintaining a fleet of 35 aircraft. The Aviation and Safety Directorate made significant gains by increasing the manning level of resources within the full-time workforce, hiring 23 new employees, and staffing 104 employees within the Army Aviation Support Facilities (AASFs), Army Aviation Operating Facilities (AAOFs), Safety Section, and Directorate Staff. This full-time workforce made aircraft sustainment operational tempo possible, supporting training exercises, unit training, community events, and senior leader engagements. In total, Michigan Army aviation forces supported more than 200 missions, flying 700 aircraft mission hours, transporting over 800 passengers, and moving over 100,000 lbs. of cargo in support of DoD units and senior leaders.

FUTURE TITLE 10 MOBILIZATIONS

- 1st Battalion, 112th Aviation Regiment - Throughout the 2022 Calendar Year, the unit and Soldiers conducted multiple training events to prepare for future mobilization. Their culminating event was the accumulation of four states to train detection and monitoring operations throughout the Florida Keys 38 Soldiers scheduled to deploy in support detection and monitoring operations within NORTHCOM, Southwest border area.
- Det 5 Bravo Company, 2nd Battalion, 245th Aviation Regiment - Throughout the 2022 Calendar Year, the unit and Soldiers conducted multiple training events to prepare for future mobilization. The unit qualified two pilots through the C12 Advanced Qualification Course. Within the next calendar year, 7 Soldiers are scheduled to deploy to support combat operations within the CENTCOM Theater.

COMMUNITY SUPPORT OPERATIONS

- During 2022, Calendar Year, the Aviation and Safety Directorate strengthened community support and involvement by conducting aviation static displays supporting various community and recruiting events. Many of these events required multiple levels of approval beyond the National Guard Bureau (NCB) to the Pentagon. These outreach events improved recruiting and retention of the MING while achieving strategic messaging campaign goals.
- Most notably, Michigan Army Aviation conducted a funeral flyover for 2LT Robert J. Erwin. This event represented 2LT Erwin's transition from a UH-60 non-rated crew member to an Army Nurse in the medical corps. 2LT Erwin was a crew chief with over ten years of service with Alpha Company 3-238th GSAB and Bravo Company 1-147th AVN. 2LT Erwin deployed for 17 months in Kosovo to support the 3-238th General Support Aviation Battalion.
- In addition to the MING brand awareness, aviation forces, the Recruiting and Retention Battalion, and the 63rd Troop Command created a marketing and brand awareness partnership with the University of Michigan. This mission provided members of the University of Michigan Football Team with the opportunity to experience a "day in the life" of MIARNG Soldiers within the aviation field. This single mission generated social media awareness beyond Michigan residents while strengthening recruiting leads.

CHANGES WITHIN THE ORGANIZATION

The State Army Aviation and Safety Directorate made significant strides in developing partnerships and writing discussion papers for advancing Future Vertical Lift considerations, training improvements for aviation operations at the National All Domain Warfighting Center (NADWC), and range operations to support combined live-fire aerial gunnery collective training.



IMPROVING THE ARMY ORGANIZATION

- During the 2022 Calendar Year, the Aviation Directorate hosted an Operational Planning Team with various staff directorates to develop posture requirements for Future Vertical Lift consideration, increase full-time support force positions within the Michigan Army National Guard, and expand Michigan Aviation recruiting.
- During the 2022 Calendar Year, the Aviation and Safety Directorate was resourced with over 4.3 million dollars to execute the directorate's two appropriations in seven Management Decision Packages.

STATE PARTNERSHIP SUPPORT

Since 2018, the Aviation and Safety Directorate has collaborated with the U.S. Virgin Islands Army National Guard to reestablish an aviation program. Since the creation of the partnership, the Aviation Directorate has invested over 10,000 man-hours in training seven Soldiers from the U.S. Virgin Islands operations, maintenance, aircrew duties, and fuel support. Aiding this program advancement, full-time support of the Army Aviation Support Facility #1 assumed control of two VI aircraft, reestablishing those aircraft to a fully mission-capable status after being non-operational for two years. Additionally, the Aviation Directorate trained five VI aircrew members to the highest readiness level and prepared the force for future mobilization within NORTHCOM in support of the Southwest border. During the 2022 Calendar Year, the Aviation and Safety Directorate provided training resources for VI aviation Soldiers to meet annual training requirements and aircrew readiness standards while assisting with developing a VI aviation program.

NORTHERN STRIKE 22

During Exercise Northern Strike, the SAAO staff was assigned to the HICOM staff to perform the roles of J3-Air (Operations and Coordination) and Bridge Aviation Element (BAE). During this exercise, the Staff synchronized rotary aviation plans for Air Tasking Order creation and evaluated training/mission support operations for airspace de-confliction. On a typical day, the Staff processed various types of rotary-wing support, including operational support. The State Army Aviation Office supervised and managed over 50 aircraft, supporting over 70 missions, transporting 1100 passengers, and moving over 54,000 lbs of cargo (Encl 3). While directly supporting Michigan aviation assets, the Staff coordinated with the Joint Visitor Bureau (JVB) and processed over 110 VIP transport mission requests during this exercise. Many of these requests required multiple levels of approval and updates through (NGB), authorizing rotary-wing transport and aerial tours of the Camp Grayling Training Area. These missions directly supported MING senior leaders' strategic themes and messaging to TRADOC, AFC, and State Partners. Michigan Army Aviation Support Facilities flew over 70 hours during the exercise, supporting 16 missions and transporting 55 passengers.



OFFICE OF THE STATE SURGEON

MEDICAL READINESS FINISHED FY22

- Overall MR #4 at 90.49%, goal is 90%
- Dental MR #5 at 95.49%, goal is 95%.

CREDENTIALING

- Maintained an average of 97% for FY22, goal is 80%

BCP AND IP PAY

- Complete and maintained up to date for over 50 eligible providers

AMEDD OFFICER STRENGTH

- Liaison with OSM to perform initial interview and placement coordination.
- Continue to maintain around 130% AMEDD Officer strength

OSS CONTRACTS

Executed and managed 8 contracts up to date

- OSS Contracts-Executed over \$2.5 million
 - Dental
 - Firefighter and EOD Physicals
 - Lab
 - Occupational Physicals
 - Medical Waste
 - AED/CPR
 - Lead testing
 - Nurse Case Management
- Family Programs - Youth camp, Yellow Ribbons

EXECUTED MR CLINICS

- First Formation - One Friday each month
- Friday Walk in Clinic - 3rd and 4th clinics. Catch up for approximately 5% MR

ASSISTED IN COORDINATION OF NAVY DENTAL CLINIC AT NORTHERN STRIKE

ASSISTED SRP DEPLOYMENT FOR MULTIPLE UNITS

- 156 ESB
- 125 IN BN
- 107 EN BN

Coordinated Monthly MR Update meetings, first Friday of the month

Oversaw case management for state. Monthly meeting with BDEs.

Oversaw Dental treatment with a reduction of DRC3 from 325 at the beginning of FY22 to 140 at the end.

1MOI and base document for OSS

Facilitated 2 IPAP applicants being selected

COVID

- Coordinated weekly COVID vaccination reports with G1
- Performed over 200 counseling's for COVID Vaccine refusals or exemption requests

Oversaw and processed all Soldiers coming on and off COVID 502F orders

Briefed presentation at Commanders and 1SG course

Occupational Health Section conducted over-200 medical surveillance physicals-\$140,000

100% compliance in CASDAP Inspection for Occupational Health and Industrial Hygiene

Conducted 47 facility inspections with National Guard Industrial Hygiene Contractors for annual required inspections



51ST WEAPONS OF MASS DESTRUCTION CIVIL SUPPORT TEAM

Authorized: 22 (18 Army, 4 Air Force)
Assigned: 22 (18 Army, 4 Air Force)
Status: Full time, AGR

UNIT MISSION

Michigan Army and Air National Guard members from the 51st WMD CST support incidents by identifying CBRN agents and substances; assessing current and project consequences; advising on response measures; and assisting with appropriate requirements for additional state or federal support.

51 WMD-CST COMMAND SECTION

- Operations Section
 - Admin Section
 - Training Section
- Communication Section
- Medical Section
- Analytics Section
- Logistics Section
- Survey Section
 - Alpha Team
 - Bravo Team
 - Decontamination Team

SIGNIFICANT EVENTS

- Unit provided decontamination support for Detroit Police Department during highly publicized recovery efforts for missing teenager.
- Supported Secret Service during three POTUS visits to Michigan with executive decontamination asset
- Unit responded to 8 emergency requests for support from FBI, DMVA, Detroit Police Department, Kalamazoo Public Safety. Support varied from identification of suspicious substances or packages, chemical and biological sampling areas of interest, and decontamination of emergency responders.

UNIT STATISTICS

Events Supported: 27

Liaison Engagements with partner agencies: 36

Exercises: 10

Emergency Responses: 8

States Supported: 7 - conducted joint training, provided personnel augmentation, or training assistance to seven other Civil Support Teams.

Partner Agencies Supported: 35 agencies to include FBI, Secret Service, DHS, USCG, EPA, FEMA, MSP, MDHHS, DMVA, NFL, MLB, Formula 1, EGLE, and Northern Michigan University.

CHANGES IN FORCE STRUCTURE

- 2022 saw the stand-up of the 1500th Field Feeding Company stationed at Fort Custer and Camp Grayling. This company of 183 Soldiers will provide full-spectrum field feeding support to the Army division.
- The Military Intelligence Company of the 37th Infantry Brigade Combat Team stood up a 17 Soldier Cyber and Electromagnetic Activities (CEMA) Platoon. This platoon's capability enables military commanders with the capability of tactical offensive and defensive cyber, along with electronic warfare attack, protection, and support along with monitoring of the electromagnetic spectrum at the brigade level.

EQUIPMENT

- 2022 saw the fielding of the new Army M17 pistol to all units, replacing the M9 Beretta. The M17 is a customized military version of the Sig Sauer P320
- The 1437th Multi Role Bridge Company fielded fourteen of the Army's new Mk 30 Bridge Erection Boats (BEB). The BEB supports tactical float bridge and rafting operations of the Multi Role Bridge Company. This new system features a flat bottom all aluminum hull with two water jets for propulsion and is rated for a max speed of 24 knots.



63rd TROOP COMMAND

During the 2022 calendar year, 63 Troop Command contributed to mission success on the home front and abroad. 63 Troop Command mobilized over 700 Soldiers to support combat missions and national contingency operations to support operations in Kuwait, Syria, and the Southwest Border and provided Soldiers to fill critical positions at key training events (Northern Strike 2022 and Warfighter Exercise 22-2). 63 TC continued to emphasize its commitment to Michigan communities by working in support of the ongoing COVID mission, providing Soldiers for COVID testing, public affairs, and military intelligence support. 63 TC was the lead military organization providing support to the Armed Forces Thanksgiving Event (May 2022) in Grand Rapids, MI. These efforts exemplify Michigan Army National Guard units' extraordinary dedication to respond to national and state mission needs.

TITLE 10 MOBILIZATIONS

- 4 Co E 3-238th GSAB / 1-147th AHB Soldiers Command Directed to support 237th and 125 Mobilizations.
- Co B 1-112th Title 10 Mobilization to SWB October 2022.
- 1-125 IN mobilized 609 Soldiers in September 2022 to locations in Kuwait and Syria.
- 3-126 IN supported the 1-125 IN deployment through cross-leveling of 100+ Soldiers to assist in filling the 1-125 IN manning shortages.

COVID AND STATE RESPONSE MISSIONS

- 63 Troop Command – supported COVID missions (TF Hammer, J32 COVID Intelligence Operations, medical personnel, etc.) with Soldiers from within multiple 63 TC subordinate organizations.

IMPROVING THE ARMY ORGANIZATION

- From 01 January -16 November 22, the 63rd Troop Command continued to lead efforts to improve the Army organization and reduce over-capital costs.
- Det 1 Co B 3-238 GSAB supported Recruiting and Retention providing 3 Ch-47 for the UofM event at Grand Ledge Armory.
- 3-238 GSAB Identified an issue with Army Org Server (AOS) and IPPS-A that almost caused a catastrophe with Army units' MTOE worldwide. Due to the quick identification being brought to the forefront, the system owner, along with the MIARNG Authorization Manager, was able to put a temporary fix until a permanent solution could be designed and tested. It also avoided up to 100,000 authorization and assignment errors in AOS and IPPS-A.
- During Operation Northern Strike Co B 1-147 AHB, cultivated relationships with units in five other states and two different branches.
- 3-238 GSAB participated in multiple static display missions resulting in new enlistments for the Michigan National Guard.
- 3-238 GSAB facilitated the University of Michigan football team public relations event which has had a positive impact on the recruiting efforts within the state.
- 3-126 IN completed a successful Annual Training 2022 focused on Squad level tactics and live fire operations. During AT22, all available D/3-126 IN crews successfully completed Table VI Gunnery. All A/3-126 IN, B/3-126 IN, and C/3-126 IN available squads completed the day Squad Attack LFX. HHC/3-126 IN successfully completed their first sling load operation since XCTC18. HHC/3-126 IN successfully employed a TAC by sling-loading an HMMWV to a UH-60 and transporting key Soldiers from the MPRC to the 40-complex. Upon completion of the flight, Soldiers were able to regain communications with the Battalion Main CP. This training event tested the ability of the Battalion to rapidly deploy a TAC and turn over command of an operation from the Main CP to a TAC. Successful completion of the sling load training event resulted in increased lethality and Command and Control of the Battalion for future operations.
- 3-126 IN personnel participated in multiple Security Cooperation Events focused on improving relationships between MING, Latvia, and Liberia. During NS22, their engagements culminated in the signing of a Status Forces Agreement between Liberia and Latvia, enabling future military cooperation between the two countries.



eXportable Combat Training Center (XCTC), Warfighter, Northern Strike and/or Other Named Exercises:

- Det 1 Co B 3-238 GSAB supported Northern Strike providing 2 CH-47, flying a total of 19.1 hours.
- Co E 3-238 GSAB / 1-147th AHB supported Northern Agility 22-1 with 6x 92Fs. Soldiers fueled over 19,000 gallons to the Air National Guard.
- Co D 3-238 GSAB / 1-147th AHB sent 10x Soldiers to participate in NS22.
- Co C 1-147 AHB was a training unit for NS22. Brought four of five aircraft and 23 personnel from the organic company. Conducted operations from Alpena and supported customers in Alpena, Grayling, and Fort Custer. Self-started a low-cost-low-altitude program with an adjacent quartermaster unit. The sister company conducted an average of two numbered missions per day for eleven consecutive days.
- Co C 1-147 AHB participated in NS22 as an enabler to 1-120 FAB (WIARNG). Supported JFO controls in the northern training areas of Camp Grayling for three consecutive days. Aircrews and aircraft came from multiple companies.
- Co C 1-147 AHB sent one officer to Latvia ISO, a division-level CPX.
- Co B 1-147 AHB had over 30 Soldiers participate in training exercises with external units, further developing unit METs during NS22.
- 1-125 IN participated in NS22; Executed 9 platoon live fires (day and night) and executed air assault operations. Completed 23 squad live fires as train up for NS22 platoon live fires.
- Co B 1-147 AHB reinvigorated the standardization training program for Low Cost, Low Altitude task which allowed the unit to support the 20th SFG in 5 successful aerial resupply missions during NS22.
- Co B 1-147 AHB flew over 200 blade hours, successfully completed 24 missions, moved over 500 passengers, and distributed internal/external loads in excess of 46,000lbs combined during NS22.
- 126 TPASE had 6 Soldiers support Dense Urban Terrain 2022 with the 46th MP Command by working with local, State, and federal partners to develop communications plans and public affairs coverage, civilian media engagements, and synchronize public affairs events. The team distributed over 200 videos and images online and facilitated five on-site media engagements and several telephonic and other remote media engagements.
- 126 TPASE Soldiers supported 3-126 IN during their participation in African Lion. TPASE Soldiers worked with public affairs professionals from Tunisia and U.S. Army Southern European Task Force-Africa to develop public affairs coverage and synchronize public affairs events.
- 126 TPASE supported NS22 by working with Latvian public affairs specialists, participating unit public affairs and other Department of Defense partners to develop public affairs coverage, civilian media engagements, and synchronize public affairs events. The team distributed 457 photos, 32 videos, and 9 articles online and over 10,000 people were reached through social media.
- MICO/CO D 837 BEB Tactical UAS platoon flew over 120 hours in support of multiple units and echelons during Operation Northern Strike 2022. They exercised laser direction finding, full motion video support, communications relay package, and support to fires. The platoon supported A BTRY, 1-182 FA BN in achieving 100% qualification during their artillery live fire tables.
- MICO/CO D 837 BEB SIGINT Collection Team conducted Aerial Signals Intelligence Collection from an Aerial platform. It was the first time the 1st Army heard of this happening. Resulted in successful collection utilizing the VROD and identifying gaps in VROD capabilities.
- MICO/CO D 837 BEB provided 5 soldiers in support of 37th IBCT J2, including the NCOIC role. Soldiers prepared intelligence products in support of maneuver units as well as real time battlefield tracking. The team received special recognition from the 37th IBCT Commander for exceptional performance.
- MICO/CO D 837 BEB GEOINT section conducted mounted and dismounted One Station Remote Video Terminal (OSRVT) operations; achieving Line of Site communications with Tactical Unmanned Aerial Surveillance asset, the Shadow, while mounted and dismounted. Successfully completing this training resulted in providing the Commander with increased capability and a constant common operating picture.
- B/3-126 IN participated in African Lion 22 in Tunisia. During the exercise, the unit successfully deployed their Soldiers and equipment from Michigan to Africa where the unit completed Squad live fire with a focus on Squad Attack.
- 3-126 IN supported WFX22-2 at Fort Campbell, Kentucky.
- 63 TC supported NS22 through planning and operational support during the exercise enabling seamless training on Camp Grayling ranges for NS22 participants.



Other:

- 3-238 GSAB passed FY22 FORSCOM ARMS with an overall green score; 98% in Operations, 96% in Standardization, 93% in Tech Supply, 99% in Aviation Safety, 88% in ALSE, and 96% in Training and Command Programs.
- Conducted the first Name Image Likeness recruiting event in the nation partnered with Aviation, RRB, and the University of Michigan on 15 July 2022, utilizing 3x CH-47s and 5x UH-60Ms resulting in 73 leads with 6 enlistments. Over 888,000 impressions on social media with an Interaction Rate of 7% while the average nationally across all markets is 1.06%
- 3-238 GSAB MRC COMPLIANT: 92.18% for FY 2022.
- 3-238 GSAB led the Brigade in Retention with 64 total contract extensions during the year, exceeding their annual mission.
- A/3-126 IN participated in the Military Reserve Exchange Program (MREP); Sent 1 squad to Great Britain to train with the Royal Irish Brigade, focusing on small-unit tactics.
- 126 TPASE provided public affairs support to the Adjutant General's visit to Latvia 26-29 May 2022.
- 126 TPASE participated in the U.S. National Guard Bureau's State Partnership Program Trilateral Virtual Storytelling Workshop with 25 Public Affairs specialists from the Michigan National Guard, Latvian National Armed Forces, and the Armed Forces of Liberia on April 12-22, 2022.
- The 126 Army Band conducted 47 missions in TY22: Michigan National Guard functions, parades and ceremonies for National Holidays, Memorials for Fallen Heroes, university and professional sporting events, and performances with local symphonies.
- The 126 Army Band's jazz combo 'Jazz Guardians' and rock band 'Live Fire' provided music for the inaugural Michigan Military & Veterans Gala at Selfridge ANG Base.
- The 126 Army Band provided musical support for the Armed Forces Thanksgiving Event (May 2022), a large-scale community engagement event that included businesses, local high schools, students, and other community partners with over 300+ attendees.
- The 126 Army Band achieved an Overall outreach of music by the 126 Army Band in TY22 reaching approximately 165,485 people around the great state of Michigan.
- MICO/CO D 837 BEB UAS Detachment trained and certified a new aircraft commander
- 3-126 IN Provided multiple Traveling contact teams to Latvia and Liberia in support of MING Security Cooperation Division training requests. Teams trained Liberian Soldiers on medical best practices. During training, one (1) Soldier, CPT Gomberg, successfully performed lifesaving care on a civilian injured in a vehicle accident at 14 Military Hospital. While in Latvia, 3-126 IN scouts participated in Patrol 22. A multi-day patrolling competition focused on improving small unit tactics.



177th

MILITARY POLICE BRIGADE

Assigned Strength- 2455
Authorized Strength- 2569

State and Federal Deployments

- 1775th Military Police Company, Southwest Border
- 156th Expeditionary Signal Battalion, CENTCOM
- 1436th EN CO, CENTCOM

177th Military Police Brigade “Tiger Brigade”

Brigade Commander- COL Russel Harden
Brigade Command Sergeant Major- CSM Andrew Rodriguez

Headquarters and Headquarters Company Assigned Strength - 106, Hometown- Taylor, MI

- Headquarters and Headquarters Company 177th Military Police Brigade achieved a T rating during War Fighter Exercise 22-05 at Fort Campbell Ky.

210th Military Police Battalion “Warriors” Assigned Strength - 654, Hometown- Taylor, MI

Battalion Commander- LTC James Blocker
Battalion Command Sergeant Major- CSM Jeffrey Hauger

Headquarters and Headquarters Detachment 210th Military Police Battalion, “Warriors” Assigned Strength - 69, Hometown- Taylor, MI

- Served as the Military Police Command and Control element for three MP Combat Support Companies and one Chemical Company. The organization conducted training throughout Michigan and maintained a Quick Reaction Force that is prepared to assist in the event of any civil unrest, or that may have taken place in Michigan and beyond.
- The BN also participated in War Fighter Exercise 22-05 in support of 177 MP BDE and the 37th IBCT at Fort Campbell KY.

460th Chemical Company “Hellkites” Assigned Strength - 84, Hometown- Augusta, MI (Ft. Custer)

- The 460th Chemical Company completed Northern Exposure in support of MIARNG Domestic Operations and State AT where they mastered their METs and increased overall Tactical proficiency.
- The unit also interacted with local entities surrounding their HS and was awarded the 2022 Unit Community Engagement Award at the State Leadership Conference.

1775th Military Police Company, “Black Horse” Assigned Strength - 171, Hometown- Pontiac, MI

- In October 2021, the 1775th deployed to Arizona to support Operation Western Guard, sending 125 Soldiers to the Southwest Border and assisting Border Patrol with surveillance and detection of illegal migrants crossing the border within Task Force West. They return this November.

1776th Military Police Company, “Patriots” Assigned Strength - 166, Hometown- Taylor, MI

- The 1776th welcomed home the Soldiers from Detachment 2 who had spent the last 365 days in Lebanon in support of Special Operations Forces under Operation Spartan Shield.
- 41 Soldiers served as part of the MIARNG Quick Reaction Force (QRF).
- The 1776th also sent 36 Soldiers to the Southwest Border to support the 1775 MP CO’s mission, Operation Western Guard.

46th Military Police Company, “Wolverines” Assigned Strength - 168, Hometown- Corunna, MI

- Following the 1775th Military Police Company’s deployment to the Southwest Border, the 46th assumed the Quick Reaction Force responsibilities for the State of Michigan. The unit validated QRF capabilities during Northern Exposure exercise in support of MIARNG Domestic Operations training.



156 Signal Battalion Assigned Strength- 334 Hometown- Howell, MI

Battalion Commander- LTC Samuel LaBara
Battalion Command Sergeant Major- CSM Andrew Lytle

Headquarters and Headquarters Company “Headhunters”

Assigned Strength- 105, Hometown- Howell, MI

- HHC, 156 ESB deployed 82 to the CENTCOM Area of Operations beginning April 2022, unit is actively providing Signal Operations throughout the Middle East.
- Soldiers participated in the Kuwait Danish Contingent (DANCON) March. The participants had 8 hours to complete a 15.6 mile ruck march carrying at least 22 lbs.
- HHC displayed representation in the Kuwait 9/11 Memorial Stair Climb and 5K.
- Representatives of HHC had the district honor to meet with Mexican Ambassador H.E. Miguel Angel Isidro.
- Soldiers participated in the Howell Melon Festival Parade and Milford High School Veterans Appreciation Game by displaying vehicles and representing the Homefront of the ESB during deployment operations.

Alpha Company “Assassins”

Assigned Strength- 146, Hometown- Wyoming, MI

- In April 2022 the ACO 156 ESB Deployed 86 to the middle east in support of Operation Spartan Shield.
- Assisted the 135 ESC setup and operated a Tactical Alternate Command Post which has the capability of conducting the necessary sustainment missions of the 1st Theater Sustainment Command.
- Participated in the Kuwait Danish Contingent (DANCON) March. The participants had 8 hours to complete a 15.6 mile ruck march carrying at least 22 lbs.
- Soldiers of A Co 156 ESB participated in the Kuwait 9/11 Memorial Stair Climb and 5k.
- Signal Academy completed two iterations, training A Co on the transmission and networking side of CPN operations. Courses included covering signal flow analysis and troubleshooting for tier 2 support. SM SPC Brayden Stephen was identified as the Distinguished Honor Graduate.
- A Co continued to add new Soldiers to Regional Cyber Center (RCC) from the fully integrated. Ensuring A Co readiness, makeup CBRN training and gas mask services were conducted for Soldiers who were on missions.

Bravo Company “Berserkers”

Assigned Strength- 133, Hometown- Kalamazoo, MI

- The Berserkers Deployed 86 to the CENTCOM Area of Operations in support of Operation Spartan Shield.
- Soldiers in B Co supported ADA for their efforts and assistance in restoring systems after a critical power loss.
- 156 B Co held a Signal Academy consisting of Transportable Tactical Command Communications (T2C2) operation and maintenance.
- Bravo Company Soldiers completed a platoon change of responsibility by shifting personnel from manning of network sites and to validation of equipment.

Charlie Company “Cobras”

Assigned Strength- 109, Hometown- Howell, MI

- Alongside the other Companies within the 156 ESB, C Co deployed to 85 to the CENTCOM AO to provide signal support across multiple countries.
- Soldiers participated in the Kuwait Danish Contingent (DANCON) March. The participants have 8 hours to complete a 15.6 mile ruck march carrying at least 22 lbs.
- C Co 156 ESB participated in the Kuwait Army 10 Miler and the Kuwait 9/11 Memorial Stair Climb and 5k.
- 156 ESB brought Soldiers to Camp Buehring from Bahrain, UAE, Qatar, Jordan, and Saudi Arabia to participate in the Dragon Week hosted by the 160 BDE and attend the Signal Academy led by C Co 156 ESB.
- Signal Academy completed two iterations of training. Service Member, PFC Wesley Groom was awarded the Distinguished Honor Graduates of their class.
- 156 C Co continued Signal Academy iterations initiating a capstone exercise that recognized SSG Jackson and CPL Poyner as distinguished honor graduates.
- Soldiers from the rear detachment represented the Homefront for the 156 ESB in the Grand Opening of the Howell Veterans Services Office and the Howell Melon Festival Parade.



107th Engineer Battalion Assigned Strength- 693, Hometown- Ishpeming, MI

Battalion Commander- LTC Christopher Graham
Battalion Command Sergeant Major- CSM Benjamin Proehl

- The 107th Engineer Battalion remains Michigan's premier engineering organization.
- 2022 began with the 107th welcoming back Sappers from the southwest border and concluded with the headquarters and forward support companies finalizing preparation in support of their upcoming deployment to Kuwait.
- Throughout the year the vertical and support construction companies worked to improve infrastructure and training areas within the Camp Grayling Joint Maneuver Training Center (CGJMTC) while simultaneously executing Innovative Readiness Training (IRT) projects in support of the Michigan Department of Natural Resources (MDNR).
- Further, the multi-role bridge company began the process of equipment modernization and training to increase the capabilities of the MIARNG and the Army National Guard.

Headquarters and Headquarters Company "Castle" Assigned Strength - 71, Hometown- Ishpeming, MI

- HHC continues to serve as the command element for the 107th Engineer Battalion. 2022 was spent planning and executing pre-mobilization requirements in support of the unit's 2023 deployment.
- In coordination with our Mission Command Training Support Program and First Army partners, the Battalion Staff trained on construction management operations, while the Soldiers of the company integrated new equipment into training and provided additional support to the remainder of the Battalion's units.

Forward Support Company "Deathblade" Assigned Strength - 71, Hometown- Marquette, MI

- FSC 107th continues to provide logistics support to the Battalion's Soldiers. FSC was the primary logistics element during the Battalion's annual training at CGJMTC as well as several critical individual drill weekends throughout the year.
- In 2022, the FSC and HHC joined together to plan and execute training in support of the unit's upcoming mobilization.
- During Annual Training 2022, the FSC was externally evaluated on three of their assigned mission essential tasks by First Army evaluators and achieved the highest training proficiency possible. This assessment greatly displayed the FSC's ability to logistically support commanders at every echelon.

1430th Engineer Company, "Hammer", Assigned Strength - 142, Hometown- Traverse City, MI

- This year the 1430th combined efforts with MDNR partners to design, plan, and complete IRT projects at Otsego Lake State Park and Young State Park, continuing to foster the Battalion's relationship with local community partners and increase the unit's vertical construction proficiency.
- As a result of the 1430th efforts, the MDNR was able to save over \$230,000 in labor and invest over \$400,000 in improving the State parks.
- During the year the company also provided support to the CGJMTC facilities engineering team to improve training areas and infrastructure throughout the camp.

1431st Engineer Company, "Husky" Assigned Strength - 104, Hometown- Calumet, MI

- This year the 1430th combined efforts with MDNR partners to design, plan, and complete IRT projects at Otsego Lake State Park and Young State Park, continuing to foster the Battalion's relationship with local community partners and increase the unit's vertical construction proficiency.
- As a result of the 1430th efforts, the MDNR was able to save over \$230,000 in labor and invest over \$400,000 in improving the State parks.
- During the year the company also provided support to the CGJMTC facilities engineering team to improve training areas and infrastructure throughout the camp.

1432nd Engineer Company, "Digger" Assigned Strength - 137, Hometown- Kingsford, MI

- The 1432nd Engineers worked alongside other elements of the 107th, continuously providing support to IRT projects across the state during 2022. A highlight of the year for the 1432nd was the completion of the Horseshoe Lake training area, the only training area in the Upper Peninsula capable of facilitating an enclosed wet gap crossing.
- During state annual training the unit completed horizontal and vertical projects at CGJMTC, increasing unit construction proficiency and training capabilities of the camp.

1437th Engineer Company, "River Rat", Assigned Strength - 168, Hometown- Sault Sainte Marie, MI

- In June of 2022, the 1437th traveled to Camp Ripley, Minnesota to execute fast water gap crossing operations on the Mississippi River.
- Following the annual training period, the unit collaborated with the HHC, FSC, and 1432nd Engineers to complete the Horseshoe Lake training area in Marquette County.
- Between July and August of 2022, the 1437th began receiving the new Bridge Erection Boats and the corresponding training as part of the Army's plan to modernize the MRBC.
- The 1437th was further identified by the National Guard Bureau to begin training as a Contingency Response Force, and achieve heightened levels of mission readiness, to serve as a potential early deploying unit in support of national defense in 2024.





507th Engineer Battalion
Assigned Strength- 615, Hometown- Kalamazoo, MI
Battalion Commander- LTC Peter Newman
Commander Sergeant Major- CSM Matthew Hopkins

Headquarters and Headquarters Company
Assigned Strength - 85, Hometown- Kalamazoo, MI

- The 507th Headquarters and Headquarters Company (HHC) kept Medical Readiness above 90% throughout the Fiscal year and a 92% pass rate on the ACFT Diagnostic.
- HHC and BN Staff became proficient in assigned MET's utilizing the MCTSP throughout the Fiscal Year and developing SOP's.

Forward Support Company
Assigned Strength - 63, Hometown- Kalamazoo, MI

- The Forward Support Company (FSC) Received a 94% on the BN CSDP command supply discipline program FY22.
- The FSC has safely and efficiently moved equipment for other battalions including the 107th and 1225th during AT22.
- Furthermore, successfully conducted joint training operations with the 1433rd to achieve a proficient grading score on the Maintenance Support Operations and Night Recovery Operations. The FSC completed 5 ammunitions LOGPAC Mission with 100% accountability of AMMO/Dunnage along with 100% on-time deliveries.

1433rd Engineer Company
Assigned Strength - 108, Hometown- Augusta, MI (Ft. Custer)

- Three unit members successfully graduated from the Sapper Leader Course. Success at the Sapper Leader Course significantly contributes to the readiness of the unit by enhancing the unit's ability to efficiently train its soldiers with new techniques, skills, and knowledge from the Engineer School House. The graduation of the soldiers from the Sapper leader course directly correlates with the unit's readiness and proficiency.

1436th Engineer Company
Assigned Strength - 132, Hometown- Montague, MI

- The 1436th Engineer Company completed PREMOb evaluation and training from 1A in March at CGJMTC. They also Mobilized to FBTX on 09MAY22, completing all training requirements and arriving in Kuwait on 16JUN22.
- They played a major role in CENTCOM projects being assigned 3 of the top 10 projects in CENTCOM and 3 of 5 in OSS. The 1436th also completed 23 projects to date, totaling \$790,014.00 in a joint environment in 5 countries.

1434th Engineer Company, Assigned Strength - 173, Hometown- Ypsilanti, MI

- The 1434th Engineer Company was one of two National Guard units to field the new M917A3 Mack Dump Truck. SPC Gandy & Glumm traveled to Ft. Hood and received training on the new system. They participated in the inventory and issuing of the new equipment.
- Soldiers of the Horizontal platoon were able to follow this up with training on the new systems throughout the FY22 Annual Training. The Horizontal Platoons exceeded all estimates by accomplishing the complete tear-off, and re-roof of building 225Q & 226Q. While the carpenters were beating the odds, they were able to get their plumbers much-needed training with the repair of showers, and latrines in 224B & 226B.
- The 1434th brought much needed to the 1436th for their deployment in FY22. Whether it was the equipment required for training or the 22 Enlisted and NCOs needed to fill vacancies within the deploying ranks, the 1434th was there to assist our sister company.

745th Ordnance Company
Assigned Strength - 32, Hometown- Grayling, MI

- 745 Ordnance Company was selected to participate as the face of the MIARNC, in the successful setup, manning, and execution of TF Tribute, honoring the 7,054 service members who gave their lives during combat operations since 9/11. The 745 displayed unparalleled professionalism through interactions with the local populace bringing great honor to the 745 EOD and the MIARNC as a whole.
- The 745 also provided EOD operational support to North Strike 2022 composed of 7,400 participants, of all military branches, from 19 states and multiple international partner countries directly contributing to the success of the operation with a record 0 explosive safety incidents throughout the 14-day exercise.
- 745 EOD was a critical asset to Camp Grayling, Fort Custer, and Alpena Air base explosive safety while partnering with local and state police assets in Michigan as well as the FBI and the Bureau of Fire Safety. 745 EOD conducted 29 EOD response missions resulting in the disposition of 78 UXOs, over 1000 lbs. of Bulk Explosives, and three range clearances encompassing over 10 acres.

1439th/1440th/1442nd Firefighter Detachment
Assigned Strength - 10/3/9, Hometown- Alpena, MI

- During Annual Training 2022, the 1440th, 1439th & 1442nd Engineer Detachments received T-Ratings by 1st Army Evaluators in their ability to provide and manage Firefighting Operations.
- 9 Soldiers from the detachments ran the "Tunnel to Towers" 5K in full Fire Turnout Gear following the footsteps of 9/11 hero, New York City Firefighter Stephen Siller. Out of the 150 runners, SGT VanDyke of the 1439th EN DET was the 1st Firefighter to finish.
- 3 Soldiers from the detachment played an integral role in support of State Covid-19 Operations, covering missions across the entire state for a combined 24 months.
- During Northern Strike 24, the 1440th, 1439th, and 1442nd Engineer Detachment Firefighters coordinated, managed, and conducted Fire operations, inspections, and emergency services in conjunction with the Camp Grayling Fire Command Team.

272nd

REGIONAL SUPPORT GROUP

MISSION

The 272nd Regional Support Group provides command and control and structure for non-major combat operations, while providing resources and assisting subordinate units to meet directed training, readiness, and deployment requirements.

Assigned Strength- 2,007

Authorized Strength- 1,997

272nd Regional Support Group, Lansing, MI

Group Commander: LTC Jeffrey Austhof

Group Command Sergeant Major: CSM Kevin Palmatier

ORGANIZATION STRUCTURE

272nd Regional Support Group Headquarters – Lansing, MI

1225th Support Battalion – Detroit, MI

1071st Maintenance Company – Grayling, MI
1073rd Maintenance Company – Greenville, MI
464th Quartermaster Company – Lapeer, MI

246th Transportation Battalion – Jackson, MI

1460th Transportation Company – Midland, MI
1461st Transportation Company – Jackson, MI
1463rd Transportation Company – Augusta, MI

146th Multifunctional Medical Battalion – Ypsilanti, MI

1171st Medical Company Area Support – Ypsilanti, MI

1-119th Field Artillery Regiment – Lansing, MI

Alpha Battery, 1-119th Field Artillery Regiment – Port Huron, MI
Bravo Battery, 1-119th Field Artillery Regiment – Alma, MI
Charlie Battery, 1-119th Field Artillery Regiment – Albion, MI
119th Support Company – Augusta, MI

1-182nd Field Artillery Regiment – Detroit, MI

Alpha Battery, 1-182nd Field Artillery Regiment – Detroit, MI
Bravo Battery, 1-119th Field Artillery Regiment – Bay City, MI
182nd Support Company – Detroit, MI



SIGNIFICANT EVENTS/ACCOMPLISHMENTS

272nd Regional Support Group Headquarters

- Provided mission command to units of the Mobilization Enterprise Partners in support of Mobilization Exercise II at Camp Shelby, Mississippi. Coordinated reception, staging, onward movement, and integration of Regional Support Groups ensuring uninterrupted support through the mobilization process.

1225th Support Battalion

- The 1225th Support Battalion operated within the State of Michigan and utilized the prodigious facilities at Camp Grayling.
- Maintained additional levels of training and readiness to stay prepared as the state's Ready Reaction Force in the event of domestic events.
- Supported Soldiers during Annual Training at Camp Grayling through shower operations and laundry services; significant actions supporting troop welfare and increased exercise success. 330 Soldiers utilized shower facilities and over 2,600 pounds of laundry were serviced.
- Completed 3,447 Man Hours and 547 Work Orders repairing and maintaining equipment for organic and external units. Exercising and enhancing Soldier specific maintenance skills while conducting preventative checks and services to military equipment increases the retention of Soldiers and decreases long-term equipment expenses.

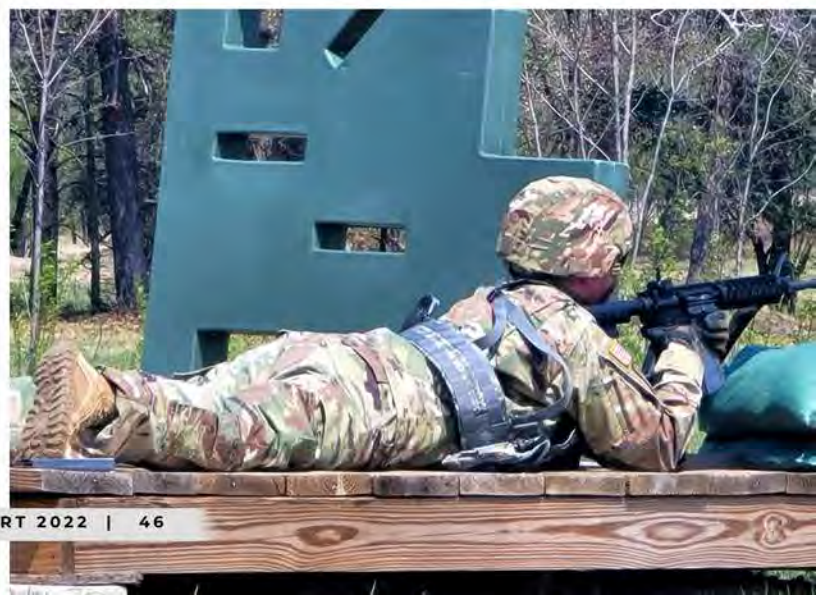
Significant Events/Accomplishments (cont.):

246th Transportation Battalion

- The 246th Transportation Battalion participated in the Army Materiel Command's Operation Patriot Press 2022. They provided Battalion level command and control for seven subordinate Army National Guard units from seven states.
- The 1460th Transportation Company provided storage reform at Crane Army Ammo Depot in Indiana.
- The 1461st and 1463rd Transportation Companies drove a combined 460,000 miles, delivering a total of 2,283,000 pounds of munitions to Tooele Army Depot in Utah, Blue Grass Army Depot in Kentucky, Crane Army Depot in Indiana, and Letterkenny Munitions in Pennsylvania.
- The 246th Transportation Battalion provided general support of COVID-19 with 20 Soldiers working with the Task Force in Michigan.

146th Multifunctional Medical Battalion

- The 146th Multifunctional Medical Battalion provided 39 Soldiers for the State's COVID-19 response enduring mission and five Soldiers as instructors for the Michigan Youth Challenge Academy (MYCA) at the Regional Training Institute in Augusta.
- Supported recruiting, retention, and positive community engagement efforts by providing personnel and equipment to 10 high school visits, Touch the Truck at River Heights Academy in Flat Rock, Meet the Guard in Jackson, and Task Force Tribute at the Capital in Lansing; generating hundreds of potential future leads for recruiting.
- Conducted and supported over 800 Influenza vaccinations across the state, improving individual Medical Readiness for the entire organization.
- Home of both Michigan's Soldier of the Year and Noncommissioned Officer of the Year, the 146th Multifunctional Medical Battalion also received the Founders and Patriots of America Award for being the most exceptional Michigan Army National Guard unit for Fiscal Year 2022.





Significant Events/Accomplishments (cont.):

1-119th Field Artillery Regiment

- The 1-119th Field Artillery Regiment completed challenging Overseas Deployment Training missions by participating in Defender Europe, 22 multinational exercises, and linked exercise Operation Summer Shield VIII in Ādaži, Latvia. The deployment marked the first of its size in a decade.
- Undertook unique, challenging training on foreign soil in a multinational and multidomain training exercise; successfully executed training alongside the US Army-Europe, National Armed Forces of Latvia (Michigan's State Partner) and other NATO allies to include Denmark, Poland, Germany, Lithuania, Slovakia, Slovenia, Spain, Italy, Canada, and the United Kingdom.

1-182nd Field Artillery Regiment

- The 1-182nd Field Artillery Regiment placed specific focus on individual Soldier lethality and emphasis on training for large-scale combat operations in a degraded environment in preparation for participation in Defender Europe 2023.
- Enhanced individual Soldier lethality by focusing on warrior task competencies including land navigation, first-aid, building individual fighting positions, operating dismounted utilizing Night Vision Goggles, water survival, unknown distance ruck marches, chemical response, establishing landing zones, night operations, medical evacuation procedures. The Officers conducted their first annual Mangudai challenge; a team building exercise that tested their endurance and physical abilities during a grueling three-day field training exercise, covering almost 30 miles while completing various challenges.
- Alpha Battery, 1-182nd Field Artillery Regiment volunteered to support the mobilization of the 3-197th Field Artillery Regiment (New Hampshire Army National Guard) and will deploy in support of Operation Spartan Shield in CENTCOM. The unit has focused on individual training and family readiness in preparation for mobilization.

46th

MILITARY POLICE COMMAND

Mission

The 272nd Regional Support Group provides command and control and structure for non-major combat operations, while providing resources and assisting subordinate units to meet directed training, readiness, and deployment requirements.

Assigned Strength- 149

Authorized Strength- 149

46th Military Police Command, Lansing, MI

Commanding General – Major General Pablo Estrada

Command Sergeant Major – CSM Jody Arrington

CYBER IMPACT 2022

- Task Force 46 hosted a cyber effect on a DSCA response exercise from 7-11 MAR 2022 in Buffalo, NY.
- The event concluded with an international communications exercise affecting a DSCA response.
- The cyber exercise included academics, a collaboration multi-agency and multi-jurisdictional tabletop exercise, and leader discussion panel.
- During this exercise there were over 60 organizations from local, state, federal and international agencies involved. Immediately after the cyber exercise, an international communications exercise introduced tactical and operational communications between Lansing, Michigan, Buffalo, New York, and Toronto, Canada in an overall effort to validate the upper and lower tactical networks for the task force.
- Immediately after communications were validated, select key leaders and partners were provided an Infrastructure Facility Tour of the Buffalo Metropolitan area.

NEW ORLEANS OPS SYNCH 2022

- Task Force 46 hosted a Homeland Defense, All-Hazards Senior Leader Forum on 17 May 2022, to build unity of effort among all partners in Homeland Defense DSCA/CBRN response capabilities and consequence management.
- Illuminated the importance of effective information sharing, interoperability, and coordination in response to a DSCA event, requiring a T-32/T-10 response, including Task Force 46.
- Objectives
 - Identify local, state, and federal capabilities and gaps establishing a shared understanding on federal military response timelines.
 - To build and strengthen relationships with local, state, and federal interagency partners.
 - Develop a shared understanding of operational capabilities, common practices, and operating procedures.
 - Open lines of communication to set the state for future exercises / required response with the City of New Orleans and the State of Louisiana.
- In the end, partner agencies gained a greater understanding of USNORTHCOM's, Task Force 46 mission-set and capabilities.





GUARDIAN RESPONSE 2022

- Task Force 46 conducted an annual FORSCOM validation exercise known as Guardian Response 2022 from 22 April – 4 May 2022.
- The overall purpose was to ensure Mission Year 2021 units exercised and validated their Defense Support of Civil Authority capabilities from the brigade level down to the squad level.
- During this exercise, Task Force 46 integrated subordinate units into the mission, demonstrated interoperability with domestic authorities to support civil-military consequence management systems, developed mission-based real-time risk assessment and management processes to enable commanders to balance force health-protection with mission accomplishment.
- The exercise also included the exchange of liaison officers from Task Force 46 to higher military echelons, and also to state, local and federal first responders.



VIBRANT RESPONSE 2022

- Task Force 46 was also directed by US Army North to conduct an all-hazards DSCA response exercise in support of a lead federal agency to save lives, alleviate human suffering, maintain public confidence, and mitigate great property damage caused by man-made or natural incidents from 5 May – 15 May 2022.
- Task Force 46 conducted mission command and sustainment operations in an austere environment and effectively tracked and reported the current operational situation to establish a shared common operating picture with Task Force 46 elements, Army North, and other stakeholders.
- During the exercise, Task Force 46 demonstrated rapid deployment capabilities into the joint operations area, effectively integrated subordinate task force elements, and demonstrated interoperability with Defense Support of Civil Authority forces and all levels of civilian authorities to support civil-military consequence management systems.
- The overall benefit of Vibrant Response 2022 was to confirm and enhance Task Force 46's readiness for a no-notice DSCA/ WMD/ CBRN mission.

KEY LEADER'S READINESS WORKSHOP

- Task Force 46 conducted the Key Leader's Readiness Workshop in Nashville, Tennessee from 22-26 August 2022 to ensure all military units subordinate to Task Force 46 were acquainted with Nashville and Tennessee state partners to conduct any interagency Homeland Defense or All-Hazards/ DSCA deterrence/ response missions.
- The workshop provided a forum for outgoing and incoming units during a mission assignment transition year to interact with one another, as well as with local, and state agencies, and all key leaders with Task Force 46 leadership team to share information for the new mission year.
- Leaders attending the event (1) received guidance and mission intent, and (2) built plans for overall mission readiness and exercises for Task Force 46 assigned NORTHCOM mission.
- Overall, the Key Leader Readiness Workshop enhanced readiness to respond to significant catastrophic emergencies and any required consequence management response.



MULTI-DOMAIN OPERATIONS DENSE URBAN TERRAIN PHILADELPHIA 2022 (MDO DUT PHILLY 2022)

- Task Force 46 MDO DUT Philadelphia 2022 exercise integrated ground, air, and maritime assets to support local, state, and federal interagency response efforts to simulate a homeland defense response in Philadelphia.
- The exercise took place from 25-29 July 2022.
- The exercise linked strategic, operational, and tactical training objectives and supporting requirements between 14 National Guard units (totaling over 400 Military personnel) and over 50 local, state, and federal agencies (totaling over 600 civilian personnel) into a single national and full-scale level exercise.
- MDO DUT Philadelphia 2022 was remarkable because it synchronized and standardized training, academics, evaluations, and other key objectives for 4 days of operations in 11 different venues involving numerous Department of Defense and civilian agency partners for an extraordinary interagency training and readiness event.



FORT CUSTER TRAINING CENTER

Fort Custer Training Center (FCTC) is located in portions of Kalamazoo and Calhoun Counties within the southwest portion of Michigan's Lower Peninsula. The 7,570-acre military training facility is situated between Interstate-94 to the south and the Kalamazoo River to the north and is managed by the MDMVA under license from the US Army Corps of Engineers (USACE) and is 100% federally owned. MDMVA manages FCTC ranges and training areas and has full natural resource management responsibility. Of the total, more than 6,813 acres (including the 2,601-acre Impact Area) are undeveloped and comprised forests, fens, swamps, and prairie remnants including several high-quality rare communities. The remaining acreage, which occupies the northern portion of the base, is developed for training and cantonment areas.

The MIARNG mission is to provide relevant and ready, operational military forces, consistent with values in support of our state and nation; and to provide support to military personnel, civilian employees, families, retirees, and veterans.

The mission of Fort Custer Training Site Command is to provide a regional warrior focused training environment in support of deployment operations, unit readiness, homeland security and state emergencies. To support this training, the MIARNG provides resources such as ranges, training areas, road networks, land navigation, Military Operations in Urban Terrain (MOUT) Sites, Training Simulators, Leadership Reaction Course, helicopter landing zones, fuel distribution point, dining facilities, billets, classrooms, chapel, Distance Learning Center, Ammunition Supply Point, and other resources based on the customers' needs. Fort Custer supports a wide variety of DoD organizations such as Army/Air National Guard, Active and Reserve forces from all branches of the military, Defense Logistics Agency (DLA), Reserve Officer Training Corps, Junior Reserve Officer Training Corps, Civil Air Patrol, Naval Sea Cadets and Young Marines. FCTC also supports Local, State, and Federal Law Enforcement Agencies such as Homeland Security and the FBI.

ASSIGNED STRENGTH/ACTUAL STRENGTH

- Full-time Staff = 41/54
- M-day Staff = 41/36

SIGNIFICANT EVENTS:

- Defense Logistics Agency COREX 22
- Provided staging area for Consumers Energy for multiple storm damage responses
- Supported multiple Federal State and Local Law Enforcement exercises and training schools
- 914,816 rounds of ammunition fired

FORT CUSTER TRAINING THROUGHPUT

FY 2017	155,764
FY 2018	91,362
FY 2019	114,527
FY 2020	86,971
FY 2021	90,119
FY 2022	89,546

INSTALLATION DATA

- Land - 7,500+ acres; Live Fire/Impact and Maneuver
- 15 Training Ranges; Live Fire, Demo, Convoy and Urban
- Confidence Course and Leaders Reaction Course
- 5 Land Navigation Courses
- 1575+ Bed spaces; Open Bay (1225); BOQ (155); FCEC (240)
- 6 Dining Facilities
- 5 Admin/Classrooms
- 8 Support Facilities; Command/Control, Logistics, Engineering and Maintenance
- 4 Bunker Ammunition Support Facility
- Fuel Point; 10,000 gallons of Diesel Fuel; 10,000 gallons of Gasoline
- 6 Helicopter Landing Zones (LZ's)
- DoD Training Population Avg (FY): 147,000
- Additional 30,000+ federal, state and local training partners annually
- 114 Buildings and Facilities
- Solar Field

FORT CUSTER EDUCATION CENTER (FCEC)

- 240 Hotel Rooms
- 200 Seat Auditorium
- 120 Person Dining Facility
- 4 Conference Rooms
- 8 Classrooms

ENDURING MILITARY VALUE

- Four Season Training Climate
- Over 80% of MIARNG Units within 100 miles of FCTC
- Within 260 miles of Detroit, Chicago, Indianapolis, Milwaukee and Columbus making it readily accessible to reserve and active forces in the entire Great Lakes region
- Next door to the Battle Creek Air National Guard Base
- Demonstrated Service Excellence
- Experienced Workforce /Great Work Ethic
- Strong Community Support

TENANT ACTIVITIES

- 1433rd Engineer Company
- 1463rd Transportation Company
- 460th Chemical Company
- 119th Field Artillery Forward Support Company
- 51st Civil Support Team
- 1500 Quartermaster
- Unit Training Support Equipment Site (UTES)
- 177 Regional Training Institute
- Michigan Youth Challenge Academy and Jobs Challenge
- Naval Operations Support Center
- Army Reserve Center
- Army Exchange Service

MAJOR CHANGES

- Completed new barracks and company op's buildings (\$3,371,000)
- Resurfacing of RTSM bay floor and adding a bay hand sink (\$135,000)
- Remodeled FCEC kitchen and dishwasher areas
- Upgraded 4 DFAC hood suppression systems
- Life cycled kitchen equipment in all DFACs
- Life cycle replacement of 8 barracks HVAC systems
- Upgraded/replaced Emergency lighting in 15 buildings
- Widened approximately 6 miles of perimeter and interior roads for better sight lines and soldier safety
- Pulled fiber for tenant and barracks (\$35,000)

FCTC ENVIRONMENTAL 2022 ACCOMPLISHMENTS

- Conducted an innovative invasive species assessment and prioritization project with Michigan Natural Features Inventory using remote sensing technologies that greatly reduce expensive and time-consuming on-the-ground efforts. This work will help direct our invasive management to select the species that are most impactful to training and more likely to be controlled with our invasive management work.
- Hosted a wildland fire and urban forestry class for 35 students in cooperation with Michigan State University and Michigan Department of Natural Resources that seeks to increase diversity and equity in these fields by teaching cohorts of women and People of Color in these fields. Over five days these students completed their basic wildland firefighter training (SI30/190) and learned tree climbing techniques and forestry assessment skills. Throughout the time 35 students participated.
- As part of Notre Dame's \$1.5 million Strategic Environmental Research and Defense Program (SERDP) funding to refine Environmental DNA monitoring techniques for aquatic species eDNA samples were collected from select bodies of water at FCTC. The data will be used to help installations that cannot do traditional assessment methods (like electrofishing) due to UXO considerations be able to inventory the aquatic species on their installations.
- Completed study with the Army Corps of Engineers and other contractors that focused on establishing the species of frogs, turtles, salamanders and reptiles on the installation using traditional survey methods and environmental DNA. This work established the presence of two types of salamanders not previously known to be on the installation: the four-toed and small-mouth salamanders, the latter of which is state endangered.





FCTC FY22 BILLETING UTILIZATION REPORT

- Total of 294,350 personnel
- Law enforcement (DNR, MSP, Detroit PD, other departments): Over 14,181 personnel
- ROTC (9): over 17,774 cadets
- Michigan Army National Guard units: over 97,975 personnel
- FCTC Tenants (M-177 RTI, FCTC CMD, RTSM, UTES, MYCA, MJCA, NAV OPS, TENANT UNITS): Over 94,562 personnel
- USMC: 16732 personnel
- Army Reserve Units: over 22,865 Personnel trained (Michigan)
- Army National Guard Units (OHARNG, ILARNG, INARNG) over 28,166 personnel

Fuel and MRE Operations:

- Issued a total of 28,324 gallons of diesel fuel during FY22
- Issued approximately 15,000 meals of MREs

FCTC DPW 2022 Accomplishments

Cantonment Area:

- Remodeled 2900 FCEC kitchen and dishwasher areas
- Upgraded 4 DFAC hood suppression systems
- Continued life cycle replacement of 8 barrack HVAC systems
- Upgraded/replaced Emergency lighting in 15 buildings
- Repainted/refreshed interior of 3 barracks
- Replaced carpet and repainted 4 tenant buildings
- Replaced 6 sliding gates at 3 tenant buildings
- Cleaned ductwork in 9 tenant buildings
- Completed canine bed bug inspections in spring and fall for soldier health and safety

Training Areas:

- Widened approximately 6 miles of perimeter and interior roads for better sight lines and soldier safety
- Continued culvert inspection and numbering project
- Replaced post signage on the highway fence line
- Cleared berms on ranges of trees and brush for better fire control

COREX 22 (16-30 July 22)
Joint Base Battle Creek

RECAP

- A Multi-DLA entity exercise
 - Disp Svcs, Distribution, IM, J6, J9
- Outstanding support by local NG Installations and personnel
- Supports DLA Strategic Initiative 1.1.2 & DLA Joint Training Plan
- Prepares the agency to support Global Integrated Operations
- Overall Participants= 81 (55 CIV / 26 MIL)
 - Disp Svcs Total= 33 (14 CIV / 19 MIL)

KEY OBSERVATIONS

- Expeditionary personnel (ECs and Reservists) readiness and availability issues for all DLA participants require internal and Agency attention
- Identified opportunities to standardize and codify expeditionary doctrine, processes, and procedures at Agency and lower levels for interoperability
- IT latency and bandwidth issues which led to work slowdown and stoppages. WMS and Virtualization potential impact on CIT capabilities

In FY 22 Fort Custer worked to further develop our partnership with DLA when we hosted the Defense Logistics Agency Disposition Services Contingency Operations Readiness Exercise or COREX in July of 2022. This was a two-week exercise focused on expeditionary property disposal. Site 2 and the Theater Consolidated Shipping Point (TCSP) were set up in the motor pool and LZ 1 of FCTC. DLA's new Mobile Emergency Response Center (MERC) from California supported Site 2. This gave Site 2 300-foot local area network connections with internet link via satellite, a printing and copying station, commercial and DSN phones, property label printing, scanning and uploading, encrypted personal radios for local communications, secure video conferencing capability, and the ability to create a secure space for classified communications via SIPR if a mission requires it. Civilian and military personnel from several states and all branches of service participated in this exercise. Site 2 disposed of 29,510 line items, 113,240 pounds of equipment, and \$3,339,758

Site	Period*	# Rcpts	# Line Items	BOO(lbs)	EIL (lbs)	Acquisition \$\$
Site 1BCANGB	18-29 July	932	194,683	75,520	47,280	5,245,053.21
Site 2Ft. Custer	21-26 July	207	29,510	45,540	67,700	3,339,758.08
Mobile scrap site	20-21 July				27,560	
Totals		1,139	224,193	121,060	142,540	8,584,811.29



National All-Domain Warfighting Center

A military helicopter, likely a Sikorsky UH-60 Black Hawk, is shown in a low-altitude hover over a dark body of water. The helicopter's main rotor blades are blurred, indicating motion. A person is rappelling down from the side of the helicopter. In the background, several other people are visible in the water, some with their arms raised. The overall scene suggests a training exercise or a simulated rescue operation.

NATIONAL ALL-DOMAIN WARFIGHTING CENTER

NORTHERN STRIKE 22-1

NORTHERN AGILITY 22-1

NORTHERN STRIKE/NORTHERN AGILITY 22-2

ALPENA COMBAT READINESS TRAINING CENTER

CAMP GRAYLING MANEUVER TRAINING CENTER

NATIONAL ALL-DOMAIN WARFIGHTING CENTER

The NADWC includes the nearly 148,000 acres of training space at the Camp Grayling Maneuver Training Center and 17,000 square miles of special use military airspace at the Alpena Combat Readiness Training Center. The arena offers training for entities across the Department of Defense to prepare for the battlefield of the future. The training provides units with training capabilities across all five warfighting domains.

Land - Camp Grayling is a leader in providing efficient, unparalleled customer-focused service and the highest level of modern training. It offers a unique combination of resources that provide a wide variety of training scenarios to meet unit readiness requirements. Large artillery, mortar, tank ranges and maneuver courses are among the highlights available for visiting units.

Air - The airspace, which extends over a portion of Lake Huron, is supported by three Michigan Air National Guard installations: the Alpena Combat Readiness Training Center, Battle Creek Air National Guard Base, and Selfridge Air National Guard Base. These air bases provide air-to-air maneuver capabilities, long range precision fires, premier command and control capabilities, and close air support for ground forces training at Grayling.

Maritime - Partially located on Lake Huron, the NADWC offers units the opportunity to train on, around, and above our nation's second-largest lake and one of the largest freshwater bodies of water in the world. When paired with Lake Margrethe on Camp Grayling, units can accomplish a range of maritime and littoral training objectives.

Cyber - With combined assets from across the state, the NADWC also has the ability to host live cyber attack and defense exercises. For kinetic units, the training arena can simulate electronic warfare and replicate a contested environment using joint threat emitters.

Space - Through partnerships with industry, visiting units have access to space-based intelligence, surveillance, and reconnaissance for a near real-time picture of the battlefield. As the growing space and near space industry continues expansion in Michigan, there are plans for further space integration in the training environment.





CAMP GRAYLING

- Division-level Command & Control Capable
- Cyber Capability, connected to Merit Network
- Air to Ground Range
- UAS Training and Ranges
- Simulation Center
- 43 Live Fire Ranges
- Army Airfield with 2x 5,000' Runways
- Multi-Spur Rail Head
- Tank Ranges

ALPENA CRTS

- 17,000 Square Miles of charted Special Use Airspace
- 23 Special Activity Areas, ranging from 300' AGL to 50K'
- Air Gunnery Range for training, full-scale and live ordnance
- 1000 Sq. Mile Maritime Restricted Area (Lake Huron training range) with large-footprint ordnance capability
- 3 Joint Threat Emitters
- Capability for all DoD UAS training
- 9000' & 5000' runways
- Lodging for >1,000 personnel
- Rogers City Calcite Quarry - littoral and land-based full mission profile area off-range, realistic military training area

NORTHERN STRIKE 22-1

JOINT, COLD-WEATHER MILITARY TRAINING IN NORTHERN MICHIGAN

As January ice, snow, and the wind blew across the National All-Domain Warfighting Center in northern Michigan, hundreds of military personnel from across the Department of Defense and allied nations practiced tactics, training, and procedures in extreme cold weather conditions. The event is called Northern Strike 22-1 ("Winter Strike"), a National Guard Bureau-sponsored exercise held from January 21-30, 2022, at Camp Grayling Joint Maneuver Training Center and Alpena Combat Readiness Training Center, Mich., which together comprise the NADWC.

Among the exercise participants were personnel from the Latvian National Armed Forces, returning to Michigan to refine skills developed in part through Latvia's cooperation with the Michigan National Guard under the State Partnership Program (SPP). Since 1993, military personnel from Latvia and Michigan have trained alongside one another on both sides of the Atlantic to increase their mutual capability and interoperability.

"Over the past twenty-nine years, an unbreakable bond has been forged between Michigan and Latvia. We are always excited to welcome our Latvian allies to Michigan and this year's 'Winter Strike' exercise is no exception," said Maj. Gen. Paul D. Rogers, adjutant general, and director of the Michigan Department of Military and Veterans Affairs. "Having a close NATO ally like Latvia involved in this extreme cold-weather training is critically important to ensuring our combined forces are prepared to respond to any threat, anywhere at any time."

Functioning as Joint Terminal Attack Controllers during 'Winter Strike,' Latvian personnel oversaw the synchronization of fires between air and ground forces training across the NADWC's sprawling range complex. This included coordination with A-10 Thunderbolt II aircraft from the 107th Fighter Squadron, Selfridge Air National Guard Base, Michigan, and B-52 Stratofortress aircraft from the 69th Bomb Squadron, Minot Air Force Base, North Dakota.

The NADWC is equipped with more than 148,000 acres of land and 17,000 square miles of special-use air space, which is comparable to the Air Force's Nellis Range complex in Nevada. Alpena CRTC is one of four CRTCs located in the U.S., while Camp Grayling is the U.S. Army's seventh-largest stateside base.

Winter Strike and the NADWC both serve as a cost and time-effective way for units to train in conditions similar to those found above the Arctic Circle. The exercise allowed training audiences to build readiness in a demanding cold-weather environment while supporting joint, all-domain operations.

"The participation of Latvia in 'Winter Strike' is another great and valuable training opportunity," said Lt. Gen. Leonīds Kalniņš, Chief of Defense of Latvia. "By training side by side with our friends from the Michigan National Guard – our steadfast allies – we become stronger and more capable, enhancing interoperability and capability to conduct joint operations. The U.S. is a trusted long-term partner of Latvia which has played a strategically important role in strengthening Latvia's and Baltic's regional security over the years. We, the National Armed Forces of Latvia, are immensely proud and grateful for our long-standing partnership."

Other allies and partners including Bulgaria, Estonia, Liberia, Lithuania, Poland, the U.K, and others have joined Latvia for past Northern Strike exercises. Latvia also participated in Northern Strike's summer 2022 exercise, Aug. 5-19, 2022.

"We truly appreciate the enduring participation of Latvian military personnel in the Northern Strike exercise series," said Rogers. "Latvia always brings a high level of professionalism and proficiency that raises the quality of training here at the National All-Domain Warfighting Center. We could not be prouder of our rich cooperation with Latvia that continues to demonstrate its value each year."





“By training side by side with our friends from the Michigan National Guard – our steadfast allies – we become stronger and more capable, enhancing interoperability and capability to conduct joint operations.”

Lt. Gen. Leonīds Kalniņš
Chief of Defense of Latvia



NORTHERN AGILITY 22-1

U.S. Air Force KC-135 aircraft from the 127th Wing, Selfridge Air National Guard Base, Michigan, arrived Monday at Sawyer International Airport in Marquette, Michigan to kick off Northern Agility 22-1, a joint, total-force Agile Combat Employment exercise led by the Michigan Air National Guard.

Upon arrival, the tankers performed wet-wing defuel operations, with support from U.S. Army Soldiers from the Michigan National Guard's 3-238th General Support Aviation Battalion, Grand Ledge Aviation Support Facility. A wet-wing defuel transfers fuel from the wings of an aircraft to either another expeditionary fuel bladder or a fuel truck while the engines run. A refueling aircraft can land in an austere environment, offload fuel using the aircraft pumps and take off with minimal time on the ground. Wet-wing refueling is often used for contingency operations under the U.S. Air Force's Agile Combat Employment doctrine.

"Agile Combat Employment is the ability to project airpower anytime, anywhere, in order to stay one step ahead of our adversaries," said Lt. Col. Brian Wyrzykowski, lead operations planner for Northern Agility 22-1. "It's about being able to execute missions quickly and in unpredictable ways."

On June 29, Northern Agility 22-1 will showcase A-10 Thunderbolt II, Air Force Special Operations Command MC-12W, C-145A, C-146A and U-28A aircraft conducting Agile Combat Employment operations on a closed portion of a public highway east of Munising, Michigan. For the first time ever during highway-based operations, maintenance crews will then perform a series of Integrated Combat Turns, which enable the quick rearming and refueling of a running jet to reduce the aircrew's ground time and get them back into the air.

During Northern Agility 22-1, the Kelly Johnson Joint All-Domain Innovation Center will also team with industry partners to demonstrate numerous technologies for augmented reality to enhance the multi-capable Airman concept, rapid integration of the Command & Control ecosystem, Synthetic Aperture Radar, Advanced Threat Detection and Visualization and other capabilities.

"Northern Agility 22-1 would not be possible without the long-term partnerships that exist between the Michigan National Guard and the Michigan State Police, Michigan Dept. of Transportation, Alger County Sheriff's Office, and of course, support from our neighbors in the Upper Peninsula. We are beyond grateful for their cooperation and flexibility to make this event happen," said Wyrzykowski. "This is an extraordinary training opportunity for our Airmen delivered by the unwavering support of patriotic Michiganders. On behalf of a grateful Michigan Air National Guard, we can't say thank you enough."



NORTHERN STRIKE/NORTHERN AGILITY 22-2

Northern Strike 22-2, the country's largest National Guard Bureau-sponsored military exercise, took place across Northern Michigan's National All-Domain Warfighting Center (NADWC) Aug. 6-20, 2022.

Approximately 7,400 participants from 19 states and several coalition countries participated in one of Michigan's largest-ever iterations of Northern Strike, designed to validate readiness of the joint and reserve force.

"For a decade, Northern Strike has evolved into one of our nation's most important tools for shaping our reserve forces into some of the best warfighters in the world," said U.S. Army Lt. Col. Adam Jenzen, Northern Strike land component exercise director. "We are excited to build on this legacy by demonstrating how the exercise allows units from all branches and components to train in a complex, joint environment while completing pre-mobilization requirements."

The Northern Strike exercise series is designed to effectively build responsive, ready and lethal formations through the validation of readiness requirements by National Guard Bureau, First Army, and the Department of Defense.

Visiting units had access to 148,000 acres of maneuver space and more than 17,000 square miles of special-use airspace available at the NADWC. Centered around the Camp Grayling Maneuver Training Center and the Alpena Combat Readiness Training Center, the NADWC provided an adaptable, cost-effective training environment.

"Northern Strike provides units a chance to experience the unique military training resources Michigan has to offer," said U.S. Army Maj. Gen. Paul D. Rogers, adjutant general and director of the Michigan Department of Military and Veterans Affairs. "After training in an innovative environment like the NADWC, they become more effective warfighters, ready to meet any demand our nation asks of them."

The latest iteration featured participants from all three Army components, Air Force active duty and Guard, as well as both Marine components and Navy reserve. Latvia, the Michigan National Guard's state partner; the United Kingdom and Canada also participated.

"Our exercise tests the ability of units to coordinate across coalitions and components in a variety of warfighting functions," said Jenzen. "We push participants past their comfort zones, so when they leave here they are more proficient in core battlefield skills, whether that is maneuver, logistics, or communication."





A new feature of this year's Northern Strike was the integration of the Michigan Air National Guard's exercise Northern Agility 22-2. Northern Agility 22-2 featured A-10 Thunderbolt II aircraft, MC-12 aircraft, W/MC-130 aircraft and KC-135 aircraft conducted operations from Cherry Capital Airport, Grayling Army Airfield, Oscoda-Wurtsmith Airport, Alpena CRTC and Battle Creek Executive Airport on consecutive days, Aug. 8-12. This demonstrated joint integration into the Air Force's Agile Combat Employment (ACE) concept, which is the ability to generate airpower anytime, anywhere.

"Northern Agility is incorporated seamlessly with Northern Strike to show how ACE can be integrated into the joint fight," said U.S. Air Force Brig. Gen. Bryan Teff, commander of the Michigan Air National Guard. "Northern Strike provides the perfect backdrop for Michigan to continue moving key Air Force doctrines forward as a center of excellence for ACE."

In addition to enhancing readiness, Northern Strike provided a boost to the local Alpena and Grayling economies. On average it brings approximately \$30 million to Northern Michigan's economy through military pay, travel and local spending each year.

"The local communities of Northern Michigan have been critical in growing Northern Strike over the last decade," said Jenzen. "The patriotism and support they continue to provide has truly helped amplify the readiness of the men and women who serve our state and nation."

“KELLY” JOHNSON

JOINT ALL-DOMAIN INNOVATION CENTER

Since September 11, 2020, the Kelly Johnson Joint All-Domain Innovation Center (KJJADIC) has been at the forefront of innovation, leading transformational impacts to change the ways organizations conduct operations. On March 14, through Academia, Industry, Military, Hybrid Innovations (AIM-HI), the Michigan Air National Guard and KJJADIC sponsored the Cohort 3 Pitch Day, where Guard members who embrace modernization were given an opportunity to present innovative solutions to National Guard, US Air Force, and Department of Defense (DoD) agency leadership. AIM-HI is an Air National Guard innovation program to educate military members on the process of innovation through challenging problem-statements to combat near-peer threats to advance the modernization of our military.

The Pitch, which happened during Cohort 3, used real-world problems to grow the innovation ecosystem and integrate with diverse, non-traditional organization to expand capabilities of the Air Force, Air National Guard, and the DoD.

“We are trying to make innovation tactically ready,” said Michigan Air National Guard member Lt. Col. Dave “Brew” Brewer, currently assigned to the Innovative Solutions and Disruptive Technology Division, Air Force Futures. “We combined Michigan Air National Guard, National Guard Bureau, and U.S. Air Force priorities along with other entities and lined that to the greater construct of what the National Guard can produce to the active duty component.”

The future of operations can be contested and ensuring Airmen can operate in austere locations is key.

As eight teams presented their solutions to leadership, one team presented a solution to Agile Combat Employment (ACE), allowing Airmen to disperse and fight. ACE can enable warfighters while promoting and improving effectiveness of multi-capable Airmen in the field. Multi-capable means Airmen performing basic non-Air Force Specialty Code tasks in critical situations. One suggested solution- virtual reality (VR) training utilizing VR headsets.

“We are proposing VR functions for maintenance personnel and multi-capable Airmen in the field,” said a team member pitching this idea to leadership. “Giving Airmen the resources they need at their fingertips at the moment they need it.”

The idea is to have a non-maintenance qualified Airmen and a qualified maintainer who are geographically apart communicate with each other through a VR headset and conduct maintenance. Through the VRs, the maintainer will see the issue as multi-capable Airmen physically resolve the issue.

“Virtual reality training will make Airmen more multi-capable,” said Col. James Rossi, commander, Alpena Combat Readiness Training Center, Michigan. “VR technology allows aircraft with a challenging maintenance issue and not having the right certified maintainer to address that issue to live feed it to a command and control center where they do have experts providing over-the-shoulder assistance to address a real problem on the ground.”

The concept of ACE is relatively new. Within an environment where there is agility, there is a chance for innovation, creativity, and diversity of thoughts.





"We have an opportunity in the Michigan Air National Guard, the National All Domain Warfighting Center, and the Kelly Johnson Joint All Domain Innovation Center to help our active duty partners and help develop what this could potentially look like," said Lt. Col. Michael Whitefoot, with the KJJADIC.

Another pitch solution was leveraging the capabilities of multi-domain dominance, focusing on communication across the DoD, touching on a simple but sometimes complicating use of technology—Email.

The proposed change is to combine Non-classified Internet Protocol (IP) Router Network (NIPRNet) and Secure Internet Protocol Router Network (SIPRNet) email systems while using one domain.

"Every day, we (the DoD) send tens of thousands of Emails across the DoD," said a team member from Dominator X, who was pitching this concept. "One force, one (Email) domain is the concept that will lead the DoD into the future ... and the change must happen."

The experiential training environment mixes in academics which makes Cohort 3 more than just a class as these National Guard university-level students pitched their solution concepts. In return, participants will receive a special certificate.

"The Guard members are going through a program that's in conjunction with and sourced through the University of Michigan—that's what makes this a graduate-level equivalent class," said Brewer. "It is a Michigan Air National Guard program that is in collaboration with ARCWERX and the University of Michigan for the certificate."

"Students will earn a Certified Professional Innovator certificate through the University of Michigan," he said.

Last summer, the KJJADIC was involved with the first-ever Agile Combat Employment highway landing proof-of-concept on U.S. soil, which saw U.S. military aircraft land on a section of state highway in Northern Michigan to simulate operations in an austere environment. Support for this kind of groundbreaking activity will continue throughout 2022 during events at the National All-Domain Warfighting Center, with an emphasis on command and control and communication.

"It will involve communication across avenues where there were previously no communication connections," said Rossi. "These teams here are coming up with solutions for the joint all-domain command and control communication challenges."

The Kelly Johnson Joint All-Domain Innovation Center's mission is focused on critical thought and collaboration for efforts such as Joint All-Domain Command & Control applications. This center is the groundbreaking effort setting the strategic vision for Michigan Defense Research, Development, and Disruptive technologies. Leveraging a history of changing capability, this center will have three core tenants, focusing on critical belt-way relationships and partnerships, incorporating indigenous Michigan industrial and institutional education, and linking innovations to local DoD missions.

CAMP GRAYLING

Situated in the middle of Northern Michigan, is the largest National Guard training facility in the United States and seventh largest Army installation in the CONUS. It comprises 148,000 acres of four-seasons training lands, 130 square-miles of restricted airspace, and a large available electromagnetic spectrum for use in electronic warfare. Camp Grayling employs a total of 78 State of Michigan Employees, 40 Federal Technicians, 11 Active Guard Reserves, 125 seasonal employees, and 231 drilling Soldiers. Camp Grayling supports the Northern Strike joint series of exercises, National Guard Exportable Combat Training Center Exercises, annual training, Law Enforcement training, and a host of other training opportunities. Camp Grayling exemplifies its motto, "Dominate-----All Domains!"

SIGNIFICANT EVENTS:

- Camp Grayling hosted two separate Industry Innovation Events with over 100 industry partners.
- Employee salaries totaled more than \$11 million and projects totaled more than \$10 million.
- Camp Grayling's Fiscal Year 2021 throughput was 260,981 personnel trained.
- Active and Reserve Components of the Army, Air Force and Marines conducted training on the Installation during Fiscal Year 2022.
- Active Duty throughput was 10,094 personnel trained.
- Reserve Components attending Annual Training had 157,640 personnel trained.
- Reserve Components performing drill throughput was 82,101 personnel trained.
- 29 States were represented, along with Great Britain, Canada, Germany, Latvia, Liberia, and the Netherlands.
- 18 Law Enforcement Agencies trained here with a combined throughput of 2,884.

MAJOR TRAINING EXERCISES

- Northern Strike 22-1 "Winter" - With 240 personnel on peak training days. This is a cold weather joint readiness event that trained United States and coalition forces in all-domain joint fires Special Forces focused exercise. There were a total of 10 units; 4 out-of-state: MA, OH, WI, and Latvia.
- Cyberstrike - Cyber defense event sponsored by industry and hosted at Camp Grayling. Consisted of approximately 40 participants primarily from industry but also with significant state law enforcement participation and academia. The two day event tested the participant's ability to be able to adequately defend programs in a live setting on a closed loop network from malware attacks.
- Michigan Army National Guard's State Annual Training - With 5,128 personnel on peak training days - 44 units trained at Camp Grayling and accomplished collective training objectives.
- Northern Strike 22-2 "Summer" - With 7,517 personnel on peak training days - Training focused on expeditionary skills, command and control, sustainment and joint integrated fires. This year's exercise featured participants from all three Army components, Air Force active duty and Air National Guard, as well as both Marine and Navy components. 58 units; 19 separate states: AL, CA, CO, GA, FL, IL, IN, LA, MD, MN, MO, NC, NM, OH, OK, SD, TX, WA, and WI; 5 Foreign Militaries - Great Britain, Canada, Latvia, and Liberia.





Camp Grayling has paired with several industry leaders to advance research and development in the Defense Industry. To include Army Ground Vehicle Systems Center, Army Aviation and Missile Command, Mandus Group, AM General, ORB Aerospace, Roush, General Dynamics, Velocity Management Solutions, IQM Solutions, All American General Services, Brunner Aerospace, Project RELO, DARPA, AaDya and Meta Aerospace.



ALPENA

COMBAT READINESS TRAINING CENTER

ASSIGNED STRENGTH/ACTUAL STRENGTH

AGR	Assign 64/64 Act
DSG	Assign 30/Act 34
State Civ	Assign 70/Actual 70
Ctr	Assign 40/Act 40

Commander: Col James Rossi
Senior Enlisted Advisor: CMSgt Jeremy Wohlford

MISSION SUPPORT DIRECTORATE

- Fire Department Flight
- Readiness & Emergency Management Flight
 - Emergency Management
- Engineering Flight
 - Quality Assurance/Project Management
- Installation Management Flight
 - Real Property
 - Environmental
 - Resource Advisor
- Operations Flight
 - Facilities Systems
 - Operations Engineering
 - Material Control
 - Infrastructure Systems
 - Heavy Repair

OPERATIONS SUPPORT DIRECTORATE

- Air Traffic Control
- Radar, Airfield and Weather Systems (RAWS)
- Munitions
- Aerospace Ground Equipment
- Aircraft Maintenance
- Airfield Management
- Live Mission Operations Capability (LMOC)
- Grayling Air to Ground Range

PFOS/PFOA

- Completed first round of Remedial Investigation sampling. Installed 84 wells and over 200 water and soil samples taken for testing
- Initiated leasing action for Calcite Quarry training area with NGB
- Hosted the first SECAF Visit to the Alpena CRTC. Showcased training airspace and capabilities, Agile Combat Employment initiatives, Joint training opportunities, and innovation initiatives to enhance the training environment and real-world applications

FEDERAL TRAINING

Completed first ever joint AF/Army aircraft refueling operations utilizing the Army HEMTT A4 refuelers - three Airforce, six Army and four Marines took part in the M-28 road landing to provide fuel support to A-10s

MSD

- Awarded \$23M 5th Generation Hanger construction project to USACE for execution. Completed redesigned Fire suppression system to water deluge system vs foam system; estimated start date - early Summer CY23
- Secured Funding and design of a \$34M Runway repair project in FY21. Companion project to the County's, \$10M rehabilitation project. Design is 35% complete; accepted award of PH1 (\$17M) in FY22 and PH2 (\$17M) in FY23
- Awarded six Supply contracts valued at \$1.2M
- Awarded Construction Services Projects valued at \$1.1M
- Awarded three Construction Projects valued at \$2.1M
- Completed Tower Cab renovation with new interior and furnishings, mitigating Life, Health, and Safety issues and Critical Public Health write-up
- Recovered the installation from a severe lightning strike one week before Agile Rage. Replaced the base-wide Monaco Fire Alarm System, Giant Voice, Airfield Tower Communications Systems, Airfield Lighting Systems, and HVAC control systems
- Replaced 32 water heaters allowing for lodging of 300 personnel to be trained during Agile Rage
- Awarded \$1.7M Fire Trainer repair project, providing significant repairs and upgrades to the oldest aircraft trainer in the Air Force that trains over 500 Fire Fighters annually
- Authorized to hire a new Appendix 30 State Resource Advisor to assist with funds tracking and review of purchase requests/state invoices for accuracy
- Completed full inventory of Alpena CRTC assets which identified \$2.3M of unaccounted equipment and returned to inventory. Developed new internal controls and training for equipment custodians
- Instituted the DLA equipment reutilization program that has saved over \$3M in new equipment purchases
- Processed over 8,000 supply transactions and 1,000 orders valued at \$1.7M
- Purchased \$15K in cold weather gear to properly outfit 94 military personnel
- Ten State employees coined by Governor's office for their efforts to recover the installation from a severe lightning strike and provide rapid runway repairs to mitigate FOD hazards for F-16 operations during Agile Rage



SECURITY FORCES

- Accomplished security planning and coordination for Northern Strike, overseeing operational ground security and ensured a secure exercise environment
- Performed duties as weapon custodian; conducted/documentated inventories--100% accountability of over 200 CRTG weapon systems
- Conducted over 1,000 background checks of base visitors; mitigating risks to installation--ensuring base security
- Conducted liaison duties with outside police agencies for M-28 road landing; coordinated and attended meetings to provide technical expertise--resulting in a harmonized security effort
- Issued over 2,500 authorized military credentials; ensuring security mission assurance--supporting military members and community retirees

FIRE

- Trained/Hosted eight Latvian firefighters, 25 CUE's Tiered Training Classes - three Critical IKAO Reportable -Live Aircraft Fire, Live Structural Fire and Munitions Fire Fighting accomplished
- Trained 503 ANG Fire Fighters accomplishing 1,000's critical CUE's/ARIS Reportable - Live Aircraft Fire, Live Structural Fire and Munitions Fire Fighting classes accomplished
- Provided Emergency response/coverage for M-28 road landing in the Upper Peninsula--enabled a safe environment for the mission and surrounding residents

OPS

- Live Mission Operations Capability increased its area of responsibility to cover the entire northeast region of the United States

AIR TRAFFIC CONTROL

- Facilitated over 10,200 aircraft training under IFR/VFR, combined DoD and civilian operations; aided in achieving mission training requirements with zero negative impact on commercial/private civilian ops
- Airspace Scheduling managed over 7,000+ sorties in Special Use Airspace, 20 different airframes, and 1,000+ hours of SUA utilization; allowed mission accomplishment for numerous squadrons during multiple exercises
- Hosted OK ARNG ATC controllers to conduct PARs during NS 22-2, allowed 2 ARNG controllers to conduct RL-1s, 11 conducted PAR ops; supported 6 H60 aircrew PAR requirements for deployment readiness
- Executed additional 35 days for DSGs, 100+ Title 5, 700+ days for man-year support; provided support for all exercises; allowed for 24-hour exercise ops
- SPP supported LNAF JTACs to develop procedures to reserve SUA with LGS; streamlined LNAF training ops, provided LNAF aircraft to meet training requirements
- SPP provided guidance to LNAF and LGS with ESCAT procedures; instilled importance and understanding to allow provided ESCAT procedures for wartime/crisis action planning

LIVE MISSION OPERATIONS CAPABILITY (LMOC)

- Provided over 804 hours of Tactical Data Link support along with over 122 Joint Threat Emitter missions (~250hrs) and 216 air combat maneuver instrumentation (ACMI) mission recording and debrief across LMOC Region 8 training areas. Additionally, LMOC/ACTS fielded and integrated two new Joint Threat Emitters, six integrated voice COMM systems, and two ACMI ground stations across the Region 8 airspaces (Ft. Drum NY; Barnes ANGB MA)

MUNITIONS

- Over 218K munitions expended during FY22 valued at \$5M
- Supported the Rim of the Pacific exercise with 14 AGM-114s ensuring MQ-9 aircrew proficiency
- Assisted NGB/A4W in validating FY23-27 forecast for all training, test, mobility, and CAP/PAD items for the Air National Guard; evaluating 10,995 line items for 95 DoDAACs, 916 organizations and valued at \$82.3M
- Assisted EUCOM with the review of the Physical Security and Stockpile Management Level 1 course, also taught a course to 15 students in the Country of Georgia
- Taught Level 1 Physical Security and Stockpile Management course to 15 students in the Country of Sierra Leone
- Assisted the Ammunition Management Advisory Team at the Geneva International Center for Humanitarian Demining with assessment and training products for use in worldwide safe, secure and effective management of ammunition in line with international best practices

AIRCRAFT MAINTENANCE & AEROSPACE GROUND EQUIPMENT

- Aerospace Ground Equipment assisted in the regeneration and launch of 196 aircraft at the Alpena CRTC
- Maintenance supported 16 flying units, 152 Transient Aircraft/PPR

AIRFIELD MANAGEMENT

- Supported 16 flying units, coordinated for over 186 events in special use drop zones, 152 PPR's, 650 sorties in and out of Alpena CRTC Airfield. Trained five total Latvian Airfield Management personnel during Agile Rage and Northern Strike. One Airfield Management personnel supported Southern Strike at Gulfport CRTC 18 April - 5 May

GRAYLING AIR TO GROUND RANGE

- Supported over 900 hours of range time for 1,310 Sorties from 14 different installations, flying 11 different airframes. Facilitated employment of \$11.3 million of munitions including training and high explosive ordnance. Additionally, through daily training and support for major exercises such as NORTHERN STRIKE and AGILE RAGE, Grayling Range facilitated the training of over 2000 Joint Fires ground troops including JTACs, EOD, SOF and Artillery and 981 Joint Terminal Attack Controller IQT, MQT and CT missions were accomplished. Range personnel also supported the M-28 road landing as well as the Air Force Innovation program. Also, supported multiple SPP trips, both home station and abroad, mentoring our Latvian partners JTAC, Range and Airspace programs.



Category	FY22	
Military Payroll	5.5 Million	
O&M Funding	18.8 Million	
Mil Personnel	\$236,300	
Civ Payroll	\$735,770	
Construction	\$0	
Visiting Unit	4.3 Million	
TOTAL	29.6 Million	
ESTIMATED TOTAL ECONOMIC IMPACT		
\$29.6 Million	X 4.5	133.1 Million
Category	FY21	
Military Payroll	6.6 Million	
O&M Funding	14.4 Million	
Mil Personnel	\$249,000	
Civ Payroll	\$719,289	
Construction	\$0	
Visiting Unit	11.1 Million	
TOTAL	33.07 Million	
ESTIMATED TOTAL ECONOMIC IMPACT		
\$33 Million	X 4.5	148.8 Million
Category	FY20	
Military Payroll	7.83 Million	
O&M Funding	14.23 Million	
Mil Personnel	\$229,015	
Civ Payroll	\$758,782	
Construction	\$1.22 Million	
Visiting Unit	5.23 Million	
TOTAL	29.48 Million	
ESTIMATED TOTAL ECONOMIC IMPACT		
\$29.4 Million	X 4.5	132.3 Million
Category	FY19	
Military Payroll	\$7.6 Million	
O&M Funding	\$14.1 Million	
Mil Personnel	\$213,600	
Civ Payroll	\$270,000	
Construction	\$1 Million	
Visiting Unit	\$6.8 Million	
TOTAL	\$30 Million	
ESTIMATED TOTAL ECONOMIC IMPACT		
\$30 Million	X 4.5	\$135 Million

NORTHERN STRIKE 22-1

- Special Ops exercise training in cold weather contested operations, 20-28 Jan

NORTHERN AGILITY 22-1

- Contested environment Agile Combat Employment exercise featuring the first Integrated Combat Turns on a public highway in the United States, 28-29 Jun

NORTHERN AGILITY 22-2

- Contested environment Agile Combat Employment exercise featuring proactive maneuver, joint logistics and AFSOC-supported Forward Arming and Refueling training while supporting Northern Strike joint fires support, 8-12 Aug

AGILE RAGE

- NGB sponsored Agile Combat Employment exercise held at the CRTC from 4-8 Jun

NORTHERN STRIKE 22-2

- Joint Exercise focusing on multi-domain integration, agile combat employment, and joint fires in a contested environment from 6-22 Aug

CRTC members served on USAF delegation to Sweden in early September

CRTC supported munitions training in Switzerland, 18-22 Sep



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