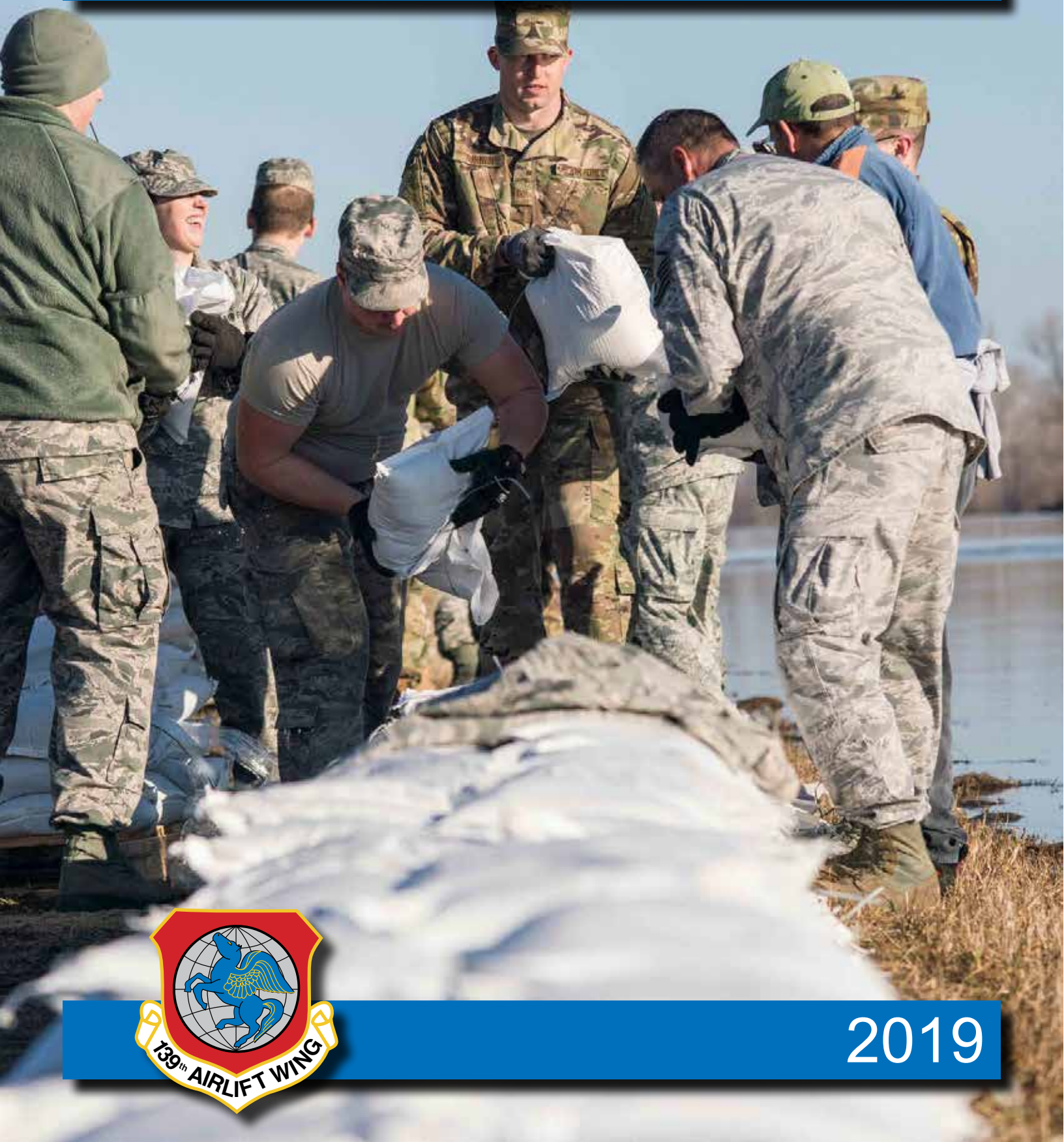


139th Airlift Wing

Annual Report



2019

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COVER PHOTO: U.S. Airmen assigned to the 139th Airlift Wing, Missouri Air National Guard, lay sandbags along the levee that protects Rosecrans Memorial Airport and surrounding communities on March 22, 2019. An increase in water levels of surrounding rivers and waterways caused by record-setting snowfall over the winter in addition to a large drop in air pressure caused widespread flooding across the midwest. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

Wing Commander

The world continuously throws chaos at our Wing, Community, State and Nation with real potential to do great harm. The mission of our wing is to train and prepare as a team to counter these forces of chaos that would harm our way of life and our fellow Americans. Sometimes, the counter attack that we offer isn't a multi-million dollar aircraft, expensive equipment or high tech capability; it is the simple act of an airman placing a sandbag on a levee that makes all the difference. Even more impact still is the act of a team of airmen placing sandbags on a levee. When that team of airmen is joined by citizens and communities working together, it exemplifies the best in all of us. This level of effort can, and did, hold back the chaos of flood waters this spring that would have surely destroyed our base and perhaps our Wing forever. I am so proud of the members of our Wing for their willingness to sacrifice for the simple tasks that must be done in order to save the complex capabilities for future fights. I am proud of them for recognizing the power of their selfless service and teamwork, and the impact it brings to our community. "Always Ready, Ever Willing" has proven again to define the spirit and the heart of our Wing.

I am humbled and deeply moved by the efforts of our fine airmen on a daily bases. In the small things and large, they do what needs to be done with a quiet dignity and steadfast commitment to serve.

With great respect,

Edward E. Black

Commander, 139th Airlift Wing



Col. Ed Black
139th Airlift Wing Commander

Economic Impact

Fiscal Year 2019

Salaries, Wages, and Monetary Benefits	\$62,086,249
Education Benefits*	\$5,920,464
AATTC Students/Symposiums	\$1,777,141
Construction and Capital Investment	\$12,339,870
Operation and Maintenance Expenditures	\$20,227,780
Military Personnel (MilPers) Expenditures	\$2,826,180
Active Duty, Air Force Reservist, ADOS/MPA Tours	\$4,644,797
AVPOL	\$1,639,422
Weapon System Sustainment	\$5,607,800
TOTAL EXPENDITURES	\$117,069,703
TOTAL IMPACT (1.8multiplier)	\$210,725,465

*Education benefits are based on the enlisted personnel pursuing undergraduate education. The total 4 year pro based on 60% of the total enlisted personnel utilizing their benefits.



A groundbreaking ceremony is held for the new Communications Complex for the 139th Airlift Wing, Missouri Air National Guard, at Rosecrans Air National Guard Base, in St. Joseph, Missouri, Oct. 9, 2019. In attendance were state and local officials, as well as the new adjutant general of the Missouri National Guard, Brig. Gen. Levon Cumpton. The facility will hold the Communications Flight and the Fatality Search and Recovery Team. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

Command Chief

"True patriotism springs from a belief in the dignity of the individual, freedom and equality not only for Americans but for all people on Earth!" - Ronald Reagan

Annual Accomplishments

Outstanding Airman of the Year:

Airman

*Airman 1st Class Mollie McIntosh – 139 OG

Non-Commissioned Officer

Tech. Sgt. Arthur Gregorian – 139 OG

First Sergeant

Master Sgt. Brian Grim – 139 MSG

Senior Non-Commissioned Officer

**Senior Master Sgt. Dawn Bickford – 139 MSG

Company Grade Officer

Capt. Estella Myrick – 139 MDG

Field Grade Officer

Lt. Col. Marty Clary – 139 AW

* State Command Chief Award Winner

** State OAY Winner(s)

STEP II: (Exceptional Performer Promotion)

Chief Master Sergeant

Richard Odell – 139th CES

Senior Master Sergeant

Blake Rudis – 241 ATCS

Master Sergeant

Brian Grim – 139 MSG

Federal Award Recognition:

AF Achievement Medal – 48

AF Commendation Medal – 19

AF Meritorious Service Medal – 25

Professional Military Education:

Airmen Leadership School – 52 (16 in residence)

NCO Academy – 16 (2 in residence)

Another year in which the outstanding men and women of the 139th have proven their diverse capabilities and their amazing dedication to serve their country, state and community. The local community continues to “gush” with praise for your service, and you make me proud to have the privilege to represent you!

Despite record river levels, the team effort of the 139th members “saved” our facilities, equipment and our neighboring local communities. 389 members



earned the Missouri Commendation Medal and 77 members earned a SED ribbon for their successful efforts fighting Operation Rising Tide! Thank you all!

Next came the opportunity to showcase your effectiveness to the nearly 70 members of the AMC IG inspection team. This once every five year, look resulted in the Wing receiving full validation as an effective unit, and nearly 25 members of our unit received special recognition for their performance. As we move into the challenges that 2020 will present, I ask you to be more involved in making the 139th the organization you want it to be! I will continue to work with the councils and other senior leaders to provide more professional development training opportunities, find ways to ensure we are effectively utilizing your time, and work to make our administrative processes as easy and convenient as they can be!



Chief Master Sgt. Kris Neros
139th AW Command Chief

139th Operations Group



Army paratroopers with the 173rd Airborne Brigade along with Italian paratroopers prepare their gear prior to boarding a U.S. Air Force C-130H Hercules aircraft during Saber Junction 19, at Ramstein Air Base, Germany, Sep. 18, 2019. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

The 139th Operations Group has maintained a war ready status in light of incredible and non-standard challenges. Our members have been actively involved in local, state, and national operations. In light of all of the challenges, the 139th Operations Group executed 776 sorties and over 1,698 flying hours in 2019. We executed real world airlift missions in Germany, Italy, Hawaii, and all over the CONUS.

The 139th OG also participated in Operation Saber Junction 2019 with various units and personnel from around the world. This massive endeavor provided nearly 1,000 training events for the wing and countless ally nations. The efforts of this past year were also juggled in between historic back-to-back flooding events from the nearby Missouri River. The Operations Group endured two full base evacuations due to river flood threats. All operational C-130H aircraft were evacuated to Forbes Field, in Topeka, Kansas, where we maintained and executed a flying training schedule. The last big challenge was an operational pause due to a prop safety issue locally found by 139th Maintenance Group, Engine Shop mechanics that had a C-130H fleet-wide impact.

Throughout all of this change, the Operations Group continued to excel and set the “Tip of the Spear” Tactical expertise standard for tactical airlift and air traffic control in the Air National Guard.

Tactics and Intel: The 139th Group Tactics office in coordination with the 139th Wing Intelligence office overhauled the annually required Tactics and Intelligence Training. Aircrew received a threat scenario and mission consistent with the wing's assigned Operation Plans to select tactics, techniques, and procedures the crews would be called upon to execute as directed.

Tactics added six Drill Status Guardsmen (DSG), four of which completed the CATS/MECOC course, to its manpower document to fulfill Tactics's charter to develop tacticians. As the lead air component unit for SABER JUNCTION 19 at Ramstein Air Base, Germany, Tactics led 16 C-130 and C-17 aircraft in the combat delivery of 324,866 pounds of airdrop equipment and supplies and 539 paratroopers across ten days. The eight flying squadrons completed 1,644 training events with EUCOM conventional airborne strategic response force, the 173d Airborne Brigade, as

it simulated conflict with a near-peer adversary.

Tactics introduced and began crediting two AMC-required flying training events, GPS Denied Event and Integrated Mission Sortie, 14 months ahead of the mandatory implementation date. It hosted and provided orientation to six guest C-130 units utilizing 139th-owned military training routes as well as Pony Drop and Landing Zones.

Tactics provided aircraft and mission planning for two off-station exercises, SENTRY STORM 19 and for the first time, TALON FURY 20, in which 139th aircraft conducted the first HALO paratroop operations in 180th AS history, to support a B-2 dynamic targeting exercise requiring the clandestine insertion of Joint Terminal Air Controllers (JTAC) via C-130 with a required A-10 escort. Tactics, planned, manned and executed seven local area tactical sorties supporting units in the Nebraska, Missouri and Kansas National Guard, including performing as the finale training event at the Smoky Hill ANG Range Open House 2019.

Airfield Management: In 2019 Airfield Management started the year working through multiple snow events affecting flying operations ultimately resulting in zero mission cancellations due to snow related weather events. Airfield Management continually works directly with base civil engineering and the FAA, ensuring safety of flight through the

issuance of multiple 7460's throughout the year, which authorized multiple construction activities on or near the airfield without interruption of mission requirements. Through a diligent inspection process Airfield Management identified multiple airfield related discrepancies requiring 332 work orders in excess of \$300,000 in airfield related future projects and immediate repairs. Additionally, Airfield Management annually files 600+ flight plans, publishes 80+ NOTAMS and issues 70+ PPR's.

Aviation Resource Management: ARM maintained aircrew proficiency as Primary COMSEC Responsible Officers for the entire group, AATTC and WIC missions. The efforts of ARMS provided 66 AO's, 462 flight authorizations, 1,416.7 hours, 644 sorties, and 3,482 training events logged for the year.

Aircrew Flight Equipment: AFE supported flood relief through C2 staff support, UCC, and sandbagging efforts. AFE deployed troops to Forbes Field to support continued flying operations during the flood. They stood-up next generation Aircrew Laser Eye Protection (ALEP) to increase AOR flight safety, and High Altitude Pressure Oxygen System (HPOS) to support HALO operations. They also supported Sabre Junction flying operations and resolved mission critical equipment failure to ensure continued sortie generation. AFE graded "Effective" in UCI inspection with many praises for best practices in our career field.



U.S. Air Force Maj. Ed Fattmann (center), a pilot assigned to the 180th Airlift Squadron, Missouri Air National Guard, takes his first flight as an aircraft commander with one eye, above St. Joseph, Missouri, Sept. 4, 2019. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)



U.S. Air Force C-130 Hercules aircrafts, are parked along the flight line of Ramstein Air Base at sunset, during Saber Junction 19, Sep. 18, 2019. SJ19 is an exercise involving nearly 5,400 participants from 16 ally and partner nations at the U.S. Army's Grafenwoehr and Hohenfels Training Areas, Sept. 3 to 30 Sept. 2019. SJ19 is designed to assess the readiness of the U.S. Army's 173rd Infantry Airborne Brigade to execute land operations in a joint, combined environment and to promote interoperability with participating allies and partner nations.



Airmen assigned to the 139th Airlift Wing, Missouri Air National Guard, stand at attention at Rosecrans Air National Guard Base, St. Joseph, Missouri, Sept. 11, 2019. The wing observed a moment of silence in recognition of the 18th anniversary of the 9/11 terrorist attacks.

241st Air Traffic Control Squadron



The 241st ATCS displays its mobile air traffic control tower, during military appreciation day at the Kansas City Chiefs Training Camp.

The 241st faced and overcame numerous challenges. These included safeguarding Missouri and Kansas citizens from natural disasters, enabling the operational testing and evaluation (OT&E) of a new deployable air traffic control approach landing systems (DATCALS) and supporting various program offices in the modernization efforts of the Deployable Air Traffic Control Approach Landing Systems fleet. Additionally, the 241st has a member deployed to Africa in support of Operation FREEDOM SENTINAL. His mission is sustaining the air traffic control command and control function supporting the Combatant Commander's counter terrorism, intelligence, surveillance and reconnaissance mission. As always, the determination of the men and women of this organization met each one of these tests, overcame and successfully carried out the myriad of missions placed before them.

Mother Nature brought forth challenges to the entire enterprise of the 139th Airlift Wing. Not only did the Wing relocate its assets twice in response to rising floodwaters, but the 241st had to completely shut down radar approach control services here at Rosecrans on two occasions in order to relocate the entire radar site's equipment to higher ground. It was the first time since 2011 that the 241st had to suspend the air traffic mission for a sustained period. On both occasions, the squadrons maintenance team, supported by the air traffic control operations personnel, re-established air traffic approach control services

flawlessly and demonstrated the radar UTCs designed operational capability (DOC). During this same period, 241st personnel in conjunction with fellow Wing members constructed a half-mile sand bag wall to reinforce the levy that protects Rosecrans, and the cities of Elwood and Wathena, Kansas.

The mobile tower UTC was twice tasked to perform its DOC mission capability. Supporting the states VIGILANT GUARD disaster response exercise, this team, with less than a 72-hour notice, mobilized, convoyed and established air traffic services in Rolla, Mo., supporting 69 aircraft operations. One month later, the team once again established controlled airspace for the Congressional Fly-In and Airshow in Tarkio, in which during a three-day period, enhanced aviation safety for 759 aircraft operations.

The full-time force successfully went through Air Combat Command's (ACC) Unit Evaluation Inspection program. ACC inspectors found zero write-ups and commended the full-time team that enhanced the safety of military and general aviation safety for 24,903 aircraft operations. The USAF merged Radar Maintenance and Airfield Systems career fields into the Radar Airfield Weather Systems. The maintenance personnel have taken the challenge of cross training personnel to meet HAF requirements while simultaneously supporting multiple program offices in the modernization of the Mobile Tower and TACAN UTCs.



Members of the 241st ATCS participate in the Vigilant Guard 2019 exercise June 3-6, 2019. (U.S. Air National Guard photo by Capt. Sean Navarro)

139th Maintenance Group

UBIQUE GENTIUM IN BELLO AC IN PACE
In peace or war around the world

The 139th Maintenance Group performed over 19,764.4 direct man hours and generated 732 sorties amassing 1,562 flying hours, while also supporting off-station operations around the world this year. We started out the year completing several upgrades to our fleet. These upgrades required 20 transfer and 20 acceptance inspections, where three were sent to Warner Robbins AFB for Periodic Depot Maintenance. The remaining fleet at home completed the latest 3.5 engine upgrade and avionics system upgrades. Other aircraft upgrades were performed by our maintenance professionals here at home station.

During Operation Spring Thaw MXG evacuated six C-130s to Forbes Field and continued executing the flying hour program, to include generating five cross-country WIC & JA/ATT missions. The MXG had 124 personnel and over \$300 million in equipment spread across five locations securing the levee and providing wellness checks throughout the community.

The Aircraft Maintenance Squadron spent the

year exceeding all expectations. Members of AMXS answered our nations call by personally supporting every one of the 732 sorties to ensure mission success. Their unwavering support occurred during the all-weather conditions at home and abroad spanning 24 hours a day, seven days a week. In addition to supporting local training flights AMXS supported over 52 X/C missions to include the WIC. In addition, flight line personnel expertly provided mission support to the AATTC flying course and the Open Skies treaty missions. During the spring and early summer months threats of flooding could not hold AMXS down. Members of AMXS swiftly loaded mission essential items and quickly relocated to Forbes Field where they kept up with local and cross country requirements.

The Avionics section led the Maintenance Squadrons efforts to advance the fleet's system upgrades. They provided continuous rotations to Dyess AFB for training and testing on the new



Tech. Sgt. Jonathan Jones, an electrician the 139th Airlift Wing, inspects a C-130H Hercules aircraft after a flight during Saber Junction 19, at Ramstein Air Base, Germany, Sep. 17, 2019. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

MODE V Identification Friend or Foe system. To keep our aircraft airborne they also performed de-modification and re-modifications to the VHF radio systems to comply with FCC standards. Their superior knowledge allowed them to verify the new Automatic Dependent Surveillance Broadcast System modifications and provide engineers with valuable feedback for technical data development.

Our Propulsion section worked with HAF and was instrumental in the re-write of the 54H60 propeller blade bushing technical data. The work and analysis completed identified defects in 50 percent of the 54H60 propellers in inventory. Warner Robins Chief Engineer verified all 139th findings and recommendations which subsequently resulted in the approval of inspection procedures and a more restrictive inspection schedule.

The Fabrication section continued to work above and beyond the call to duty. During a fleet upgrade to 3.5 engines the Structural Repair shop painted 20 engines, deployed to Stennis, Mississippi and performed corrosion inspections so our aircraft could return to home station. The non-destructive team completed a vital Immediate Action Time Compliance Technical Order inspection on the aircraft Rainbow fittings in short notice and enabled 91-1653 to return to home station. The team also completed a safety inspection on all 54H60 Propeller Assembly Blade Internal taper Bores allowing and returning the fleet to FMC. A \$30,000 mobile observation stand was constructed by our Metals Technology team using an old trailer and some decommissioned maintenance stands.

The munitions section maintains a stockpile in excess of \$1.5 million, 20 tons of assets with a

Other Maintenance Actions

• Isochronal Inspections	3
• Home Station Checks	5
• Transfer Inspections	20
• Acceptance Inspections	20
• Special Inspections	595
• Time Changes	106
• Aircraft Document Reviews	45
• Aircraft Wash	9
• Time Compliance Technical Order	49

net explosive weight in excess of 3,500 pounds. Consisting of 141 line items to support 16 custody accounts. Our team continued to support the AATTC and WIC's munitions requirements. Two members deployed with the 144th Theater Support Package to South Korea, Australia, and Guam supporting F-15 and F-16 training sorties.

Aerospace Ground Equipment troops replaced seven B809 generators and continued to keep our aging critical equipment fully mission capable. The equipment includes ground heaters, air-conditioning carts, light carts, air compressors, external power units, pressure washers, scissor lifts, and wing/nose jacks. Over 47 pieces of powered support equipment were maintained, repaired, inspected, and returned to service with 100 percent success. This equipment enables the maintenance complex to keep our fleet ready for worldwide domination.

Our Isochronal inspection team relocated operations into the fuel cell hangar, accommodating the Newlon Hangar maintenance and upgrades. The Repair and Reclamation shop continued to excel by developing three CDAR team chief's maintaining over \$260,000 in total assets.

Finally, when most wings were slowing down for the end of the year, the 139th MXG was taking the lead on airlift support for Saber Junction 2019. 139th personnel from the Wing, Missouri National Guard, Kentucky ANG, Ohio ANG, and the USAF Reserve's 302nd AW from Colorado airdropped nearly 539 paratroopers and a combined total of 617,000 pounds dropped in the Hohenburg, Germany drop zone. The exercise is a large-scale, multinational combat certification to assess the readiness of the U.S. Army's 173rd Airborne Brigade to execute land operations in a joint, combined environment.



Airmen with the 139th MXG, change the front tires of a C-130H Hercules aircraft during Saber Junction 19, at Ramstein Air Base, Germany, Sep. 22, 2019. (U.S. ANG photo by TSgt Patrick Evenson)

139th Medical Group

"My focus was on the [medics] as they make up the majority of our enlisted force. They are so busy on RSD's, and it is difficult to find time for them to complete their CMRPs," Col. Kevin Echterling, commander of the 139th MDG said. "They, along with other medical specialties, had at least two days of scheduled, uninterrupted time to practice their skills and improve our readiness."

SEAT Inspection Feb 2019: The 139th MDG, Det 1 again successfully completed its Standardization Evaluation and Assistance Team (SEAT) conducted by a team contracted by the National Guard Bureau. The Detachment receives the field evaluations for NG CBRN Response Enterprise (CRE) organizations every 24 to 36 months. The SEAT Inspectors assess the degree of compliance with law and policies and audit the disposition of allocated resources.

The Missouri Homeland Response Force (HRF) is a joint force comprised of Missouri Army and Air National Guard members. The SEAT team grades the entire HRF, including the 27 medical elements, in the following areas: budget, logistics, medical, operations and training management.

Flooding March 2019 & June 2019: The 139th Medical Group was instrumental in the build-up and evacuation of equipment and vehicles for the March 21-25 and May 28-June 26 flooding. During this period, the Medical Group personnel orchestrated and executed the orderly evacuation of 1.7 million dollars of medical records, supplies, and equipment. Working against the clock as the Missouri River approached record flood stages, personnel built and strapped hundreds of pallets for movement to safe storage as well as emptied the protective equipment warehouse, filling four trailers by hand. They oversaw the movement of all equipment, provided secure storage, and 100-percent accountability for all assets, including 2,000+ medical and dental records. The tireless efforts resulted in zero losses to equipment and vehicles with no safety incidents. In addition, medical personnel participated in sand bagging operations in St. Joseph and central Missouri, while concurrently providing medical oversight and force protection for members working on the levees.

S&E Training May 2019: Seventeen Det 1 enlisted medical personnel traveled to Maryville, Mo., to participate in search and extraction training. The training, organized and coordinated by Capt. Estella



Det 1 Airmen participate in search and extraction training at the Mazingo Outdoor Education and Recreation Area, Maryville, Mo., on April 5, 2019. (U.S. Air National Guard photo by Senior Airman Audrey Chappell)

Myrick, was held at Redden City on Mazingo Lake, on property belonging to the Northwest Missouri State University, Emergency and Disaster Management program. Both the Maryville and Polk Township Fire Departments supported the training by providing volunteer instructors and equipment. The Airman medics received extensive training from their civilian counterparts in confined space operations, auto-extrication, and low angle ropes rescue.

On Saturday night, the medics' night time operations skills were tested. They conducted a search for persons missing from a car accident and practiced field medical treatment. On Sunday, the members also practiced medical treatment in a real world sound and lighting field environment as they maneuvered through rubble piles to assess, treat, and evacuate injured patients.

"This training allowed the [medics] to maintain proficiency in skills required for the Homeland Response Force mission, while enhancing their critical thinking, team working skills and increasing overall mission readiness and safety," stated Capt. Myrick.

Vigilant Guard Jun 2019: In June, Airmen from the 139th Medical Group, Detachment 1 participated in a simulated exercise known as Vigilant Guard,

in Central Missouri. This exercise was designed to simulate relief efforts from multiple units across the state in response to a major earthquake along the New Madrid Seismic Zone resulting in thousands of casualties.

The Missouri Homeland Response Force (HRF), Missouri Task Force 1 (TF1) and Missouri Disaster Medical Assistance team (DMAT) exercised as a team at Fort Leonard Wood from June 2-6. The training allowed the teams to integrate, operate and train together and exercise emergency plans and procedures.

“This event was a huge success and the goal of strengthening response efforts in the State of Missouri was accomplished,” Maj. Mike Mitchell, the 139th MDG Medical Plans Officer said. “The most valuable experiences were accomplished when teams were forced outside their comfort zones and integrated directly into another team’s operations, such as conducting search and extraction, triage and stabilization while working with the other team’s equipment, supplies, and shelters.”

UEI Jul 2019: In July, as AMC inspectors descended on the Wing for the Unit Effectiveness Inspection, the MDG also had representatives from the Air Force Inspection Agency present to conduct a medical operations inspection.

The MDG had no critical or major findings, but did have minor findings in SAPR response, immunizations, public health and education and training. Large areas, such as aerospace medicine, medical readiness and bio-environmental (BEE), had no discrepancies found.

In addition, the MDG was specifically mentioned in the final UEI report for its outstanding communication throughout the organization.

“Tech. Sgt. Danielle Dewey has developed numerous products and procedures to share information and increase effectiveness of our communication systems,” Col. Kevin Echterling, commander of the 139th MDG, said. “In addition, my detachment commander, Lt. Col. Travis Hawks, and first sergeant, Senior Master Sgt. Brian Grim, routinely have scheduled sessions with our airman to get their thoughts and perspectives. We have some great airman in the MDG. They are the future, they are proud of their service, and they want to be involved

Wing Individual Medical Readiness Statistics



and heard.”

Several members of the MDG were recognized as outstanding performers: Maj. Kristie Miller, IG Team visit POC; Tech Sgt. Dewey, medical administration, communications; Lt. Col. William Triplett and Senior Master Sgt. Karla Lewis, Aerospace Medicine; Master Sgt. Eric Hopkins, BEE, MICT, medical budget and Education and Training; 1st Lt. Desi Marte, immunizations.

Deployed Field Training Aug 2019: In August, 62 medical personnel participated in annual training at Fort Carson, Colo. The commander’s focus for the week-long AT was to provide dedicated time outside of RSD weekends to complete ancillary training, provide professional development opportunities and complete Comprehensive Medical Readiness Program (CMRP) training requirements. In addition, it provided a venue for Detachment leadership to network with colleagues in the Colorado ANG and provide additional hands-on opportunities for members to work at Peterson AFB medical facilities and attend the Trauma Combat Casualty Care (TCCC) course.

The CMRP is a clinical skills sustainment program used to ensure the currency of medical personnel is maintained through checklist tasks and other requirements. CMRP divides medical readiness training into categories to support targeted application for specific specialties, personnel, and missions across the USAF medical operations. Following the training event, medical technicians (4N0X1) were at 90-percent CMRP completion. Eleven other AFSC’s reported 100-percent completion of CMRP by the end of the annual training event.

Logistics Readiness Squadron

On two separate occasions, flood waters from the Missouri River threatened the installation, prompting expeditious evacuations of the base. In FY19, LRS personnel orchestrated and executed the orderly evacuation of \$12 million of aircraft parts, \$10 million in vehicles, \$2 million of personal protective equipment and several million in unit war-time equipment and supplies. Working against the clock as the Missouri River rose, personnel oversaw the movement of all equipment and 185 vehicles off the installation and provided secure storage and 100 percent accountability for all assets. The tireless efforts resulted in zero losses to equipment or vehicles and no safety incidents. In addition for both floods, members participated in sandbag filling, sandbagging the levee, bus transport, tractor-trailer support, forklift operations, sand-boil dispersing, and EOC administrative procedures.

Vehicle Maintenance: Mechanics supported AATTC and Operations Group during ten classes. VM completed 654 work orders, including 1,523 sub-orders, culminating in a 95 percent Vehicle in Commission rate, besting the Air National Guard benchmark of 90 percent. VM supported eight Open Skies missions. In June, VM participated in the exercise Cracked Earth with one mobile maintenance team. VM had a successful UEI receiving an “Effective” rating in all areas.

Materiel Management: MM inventoried 5,820 line items with 66,585 assets worth \$18.9 million; 1,442 repair cycle turn-ins; verified and cleared 10,090 1348s; pulled 7,798 issues; processed 9,218 shipments as well as 142 condition code changes. MM also created, changed, or deleted 1,759 storage locations, inspected 2,687 warehouse assets, processed 178 MSIs issuing parts to aircraft, processed 24 functional checks, received 183 assets for put-away, and processed 298 shelf life turn-ins. Clothing Issue placed 547 KYLOC orders for 3,092 assets worth \$253 thousand, while HAZMAT processed 224 receipts and 331 ISU/DORs, and recycled 35,500 pounds of scrap metal returning \$1,610 to the Wing Environmental fund. Mobility completed a 100 percent inventory of 22,000 assets worth \$1.2 million, built and broke down 550+ bags in support of 17 CBRNE training



U.S. Airmen assigned to the 139th Airlift Wing, Missouri Air National Guard, lay sandbags along a levee in Elwood, Kansas, that protects Rosecrans Memorial Airport and surrounding communities, on March 22, 2019.

classes, washed 200+ gas masks and 1000+ chemical training gloves. They also assisted 300+ deployers returning deployed mobility gear. During FY19, 45 equipment accounts valued at \$43 million were also inspected during their Equipment Organizational Visit.

Traffic Management Operations: TMO supported multiple inbound/outbound shipments of rolling stock for the 241st and D-ILS/AFLCMC/HBAB mobile radar site and T-56 C-130 engine installations. They also assisted the Marine Arresting Gear Team movement and successfully prepared and shipped multiple COM NAV classified aircraft parts that completed a six month suspense. Master Sgt. Dallas Mattox successfully worked with Base COM and FedEx to reestablish our CAFÉ shipping system, so that we may ship mission essential cargo when CMOS is inoperative.

Ground Transportation: GT supported several SAV's to include McConnell AFB, Forbes Field, and Whiteman AFB. GT supported several DRMO runs, Open Skies missions, Base Ops Fly-Away, Base Ops S.E.R.E. training, MXU, and Fitness Tests with both bus and tractor-trailer operations. GT supported several protocol runs to include two Missouri TAGs. GT also supported SED for flood relief in Norborne and Hardin, Missouri. GT supported various community events to include the Apple Blossom parade, Veteran's parade, and Touch-a-Truck program. Total runs for the year were 978, total weight 354k, total miles 5,159, and total UDI's was 208.

Air Terminal Operations: ATO supported missions on 3 separate continents, in direct support and coordination for 10 countries providing world-class aerial port support. During FY19, ATO supported ten Advanced Tactics Aircrew Courses, at two geographically separated locations for the AATTC.



Airmen with Air Terminal Operations, 139th LRS, load a heavy equipment platform onto a C-130 Hercules assigned to the 302nd Airlift Wing, AFRC, prior to the execution of an airdrop during Saber Junction 19 at Ramstein Air Base, Germany, Sept. 19, 2019.

ATO hosted the first ever Open Skies Treaty mission for an ANG base. ATO would go on to support four Open Skies missions, providing air terminal services and air load support. With the addition of the Open Skies mission we have gained a staircase truck, fleet service truck, potable water truck, and air stairs. Due to this opportunity, ATO has been able to capitalize on the training and familiarization of this specific career sub-set. In June, 13 members departed Rosecrans for a DTF in Japan. Personnel were assigned to different sub-sets of the 2T2 career field for a better hands on experience, while working and fulfilling real world missions, using web-based Air Force logistical systems such as GATES and GDSS. ATO has built solid relationships with our home state 7th Civil Support Teams, and the Missouri Task Force 1 Urban Search and Rescue. We also provided support the 71st CST in Des Moines, along with the 3rd Brigade 20th Special Forces Group. ATO completed the AMC IG UEI Inspection with a grade of “Effective”. No findings, and zero write-ups. The IG team was very pleased and impressed with our programs and processes. 16 Aerial porters supported Saber Junction 2019, a multinational joint exercise across Germany, Italy, and Iceland. The exercise consisted of 16 aircraft from the U.S., Italian and Turkish Air Force. During

the exercise the aerial porters performed Joint Airdrop Inspections on 157 short tons of aerial delivery.

Logistics Plans: The UEI was a great success, with LP showing that it was compliant, while getting zero discrepancies, and was named as one of two areas on base which excelled. The ORA was planned with 750 personnel, tasking 330 of them and 50 short tons of equipment to deploy to an austere location that would not only comply with a Phase I inspection, but also combine with a Phase II inspection that will happen in FY2020. LP has acted as the lead log plans for the AEF, which includes multiple units, personnel, and equipment. The Wing was also the lead unit, and lead log plans for Saber Junction 2019, planning the deployment of three units including two ANG units and one AFRC unit, 230 Personnel, and equipment. Also during FY19, LP was instrumental in an overhaul of the deployment process, phasing in the new Mobilization BETA process, as well as phasing in the new mandatory e-AFDF process. These processes had to be trained to all commanders, UDMs, and other key personnel. LP also planned and deployed 25 Wing members in FY19 for operations including Inherent Resolve, Theater Security Package, Deep Freeze, Austere Challenge, New Horizons, Mobility Guardian, Ethiopia Augmentation, Vigilant Guard, and Saber Junction. LP has maintained its ART reporting of 17 squadrons totaling 338.5 STONS of equipment and 923 personnel. LP overhauled the MOU/MOA process, including reduction from 58 MOUs to 25 MOUs and is working with the Missouri USPFO and all units to update them to ensure compliance with DoD regulations.

Petroleum, Oils, and Lubricants: The fuels operations section has worked with DLA-Energy and Tetra Tech as part of the RMMR program to allocate and update over \$800,000 in repairs and maintenance to the fuels facility at no cost the Wing. During FY19 POL participated in multiple support operations to include the LRS Defense Field Training at Kadena AB Japan, MXU at Air Dominance Center in Savannah, Georgia, Fly Away with Montana ANG at Gulfport CRTC MS, local WIC missions, AATTC flying courses and the Open Skies Treaty mission. POL has moved over 2.1 million gallons of fuel, made over 530 trips to the flight line, drew and analyzed over 5000 Laboratory samples, and reconciled over 3,420 lines of accounting.

Civil Engineer Squadron

"With the start of Fiscal Year 2019, we have successfully completed our RCP, welcomed everyone home and moved into the re-adjustment phase with our families, squadron, group and wing," Lt. Col. Tracy Beattie, commander of the 139th CES said.

The 139th Civil Engineer Squadron consists of approximately 100 military members and 50 full time personnel. The squadron maintains a total of 449.25 acres of owned and leased land which holds 391,000 square feet of facilities worth more than \$222 million. With the move north, the squadron focused on the design and construction of over 14,800 square feet.

With FY19, many of the contracts and service need attention for current year funding. The Resources Advisor and Facility Manager were busy setting up MORDS and performing initial modifications to the MCA and completing the lead based paint plan. With summer approaching, Financial Planning and Asbestos Management Plan for the next year started, as well as awarding Lawn Maintenance Contract, Lead Abatement contract, National Fire Protection Association Physical Contract. The Facility Manager and Resource Advisor continued planning for the next fiscal year. This included snow season meeting, roof management plan completion, training for IEMS, and meeting with state leadership to discuss plans and programs for the Wing. They prepared the Wing by providing building manager training. With the end of the fiscal year, they awarded multiple FOMA contracts and awarded end of year small jobs including: HVAC Closed Loop, Backflow Testing, Fire Suppression Inspection, Fire Detection Inspection, Boiler Start-Up, Solid Waste, Hoist Inspection, and lastly Basewide Carpet Cleaning and Tree trimming/removal.

The engineering function continued the fast pace from last year with the shift to the northern area. This year EMEDs construction was complete. The design of the Operations Facility was completed, with construction being awarded. The base perimeter fence was constructed fully enclosing the base and increasing security. The roads were resurfaced and sealed preserving them for the future. Design was completed and bids received on the Headquarters Facility. The Communications Facility design was completed, construction awarded and a ground breaking in October. The multi-facility bathroom remodel construction project was completed. In order

to better serve our Airmen, a Resiliency Center was created in our multifunction facility. Lastly, contracts were awarded for design services for a C-130 full motion simulator building, hangar remodel, and the moving of the Command Post to the Headquarter Facility.

Recurring maintenance plan and grounds upkeep continued to keep the Operations Maintenance Section busy all year. Operations also stays busy planning



Airmen and Soldiers with the Missouri Air and Army National Guard, along with civilian counterparts, take part in the disaster response exercise Vigilant Guard, at Mazingo Outdoor Education and Recreation Area, in Maryville, Mo., June 4, 2019. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

projects for RSD weekends and preparation for DFTs. At the beginning of the year, Operations started planning and preparing for snow removal season. This included purchasing and/or repairing equipment and coordination with the City of St. Joseph. Our preparations enabled us to handle several snow storms primarily during second quarter.

Emergency Management continued to improve relations with our local, state, and regional partners to ensure we are plugged into the support of our local area which proved vital during the spring floods. Equally important was assisting the AMC Inspector General, and educating the Wing members in all things CBRNE. This year the Installation Emergency Management Plan was reviewed and certified current. Members attended the EOC Directors

Course, Web Cobra training, JEM2.0/JWA-E train the trainer course, and supported AMC IG in a UEI. The Emergency Management Shop also had a DFT to Hickam AFB in Hawaii where they trained and set-up detection systems.

The Environmental Section continued critical monitoring to keep our base free from contamination. The section worked with NGB on environmental analysis for new land lease to support move to Northern Area as well as coordinating with the City of St. Joseph on the Memorandum of Agreement on Storm Water Permit.

The Fire Emergency Services Flight responded to a total of 637 incidents including 66 structural emergencies, seven aircraft emergencies, seven medical responses, eight mutual aid responses and 88 building inspections. The installation did not have a single fire-loss again this year. One of the highlights this year was our Urban Search and Rescue Team's participation in the 2019 Vigilant Guard multi-state full scale exercise. This exercise is a FEMA and Missouri State Emergency Management Agency exercise - Shaken Fury 2019. This exercise tested our ability to respond to a 7.7 magnitude earthquake utilizing over-the-road and air transportation assets. The team worked directly with Missouri Task Force 1 and began search and reconnaissance operations in several confined space/rubble pile prop training areas

of the U.S. Army's new Urban Search and Rescue School at Fort Leonard Wood and in Maryville, Missouri at the Northwest Missouri State University disaster training complex. Teams and equipment were transported via CH-47 Chinook helicopters to two different geographic theaters of operation. The Fire and Emergency Services Flight also supported Hickam AFB during a two-week DFT where they integrated with the active duty providing base wide response capability as they would when deployed real world.

The Prime BEEF Airmen got back into the swing of RSDs after returning from deployment. We gained several new members and spent time training them and keeping current on our own requirements. CES was selected for a deployment DFT through the Innovation Readiness Training Program. It involved constructing part of the Camp Paumalu STEM Facility near the North Shore, Oahu, Hawaii. The Girl Scouts will be thrilled when their facility is complete. The construction project also qualified several requirements for individual training as well as squadron training needs as defined in AFI 10-210.

The 139th Civil Engineer Squadron had a great year. As FY2020 starts, we are continuing on a strong path in preparation for the next round of deployments in fiscal year 2022.



Airmen with the 139th Civil Engineers pose for a group photo at their construction site at Camp Paumalu, Halewehi, Hawaii. (U.S. Air National Guard photo by Senior Airman Audrey Chappell)

Force Support Squadron

"We support the force not because it's our name, because it is who we are."
- Lt Col Melanie Englert, 139th FSS/CC



The 139th Force Support Squadron, Missouri Air National Guard, poses for a group photo at Rosecrans Air National Guard Base, St. Joseph, Missouri, Oct. 6, 2019. (U.S. Air National Guard photo by Senior Airman Audrey Chappell)

The Force Support Squadron has not taken a knee in the last year; in fact, we have been busier than ever while supporting the many functions across our squadron and balancing multiple vacancies. We are proud to announce we sustained our boundless record of accomplishment of providing excellent customer support to over 1,100 Airmen and their families, all the while maintaining excellences through inspection compliance. As well, we welcomed Capt. Robert Payeur as our newly assigned Director of Personnel.

Our year began with the uncertainty of Technician to Active Guard Reserve (AGR) realignments and Fatality Search and Recovery SEAT Inspections, both firsts, and challenges exceeded with success. This paved the course for the rest of the year of changes for the A1 community: new Career Field Education and Training Plans (CFTEP), numerous re-writes/

publications of new Air Force Instructions and Manuals, culminating in 100 percent reassessment and validation of Military Internal Control Toolset (MICT). However, these changes, along with hosting 145th Force Support Staff Assistance Visit prepared our squadron for the Unit Evaluation Inspection (UEI) and the numerous pre-inspection deliverables that were required of FSS.

Furthermore, the 139th Force Development continues leading metrics in resourcing and executing Mission Essential Skills Training Days. Additionally, the National Guard Bureau recognized our team of Training Managers that developed a proposal submitted directed to NGB leadership to help improve training readiness objectives. The Force Development Office has been working on reinvigorating the Unit Training Manager Program to create a resolute

2019 Accomplishments

• • Awards and Decorations	171
• • Passports	5
• • Enlistments	88
• • Promotions	132
• • Separations	58
• • Identification Cards	1711
• • Members fed	8567
• • Lodging Reservations	2281
• • Test Proctored	711
• • Color Guard Actions	8
• • Home Community Care	16
• • Status Changes	???
• • Retirements	20
• • Overall Actions	????



Master Sgt. Lynn Henderson is awarded the 2018 Colonel John Byrne Logan Award.

foundation for the Squadron Unit Training Managers, to stand and implement procedures and guidance. Evidence of another continued success is our partnership with Missouri Western State University, as three courses hosted and coordinated by our education office, allowing members to take college courses on base.

Whereas FSRT remains our DOMOPS mission focus, Services Section has completed 711 fitness assessments, fed 8,567 Airmen in our dining facility, and supported over 2,200 lodging requests. Moreover, Services has led the way on capturing Innovation Funds and has procured a lodging app and three Customer Service Kiosks, located in FSS, Finance and Medical, that are scheduled to be integrated with

the Wing's AF Connect App to increase efficiencies. Innovation continued as the 139th Force Support Squadron hosted an ARPC Spread the Word training event attended by both the 131st Force Support Squadron and Joint Force Headquarters.

Our economic impact reached \$1.6 million this year, with \$1.2 million supporting local economic impact from our lodging program with local hotels, contracts awarded to fix our dining facility appliance and four catered meals, and support to Deployed For Training events. Services supported two separate DFTs to provide meals with 139th Civil Engineers in Hawaii as they built a Girl Scout Camp, and Montana Air National Guard during Blizzard Defiance.

Additionally, our deployment function processed 501 139th Airlift Wing members out the door in support of AEF and Saber Junction 2019. Customer service processed five passports, 132 promotions, 1,711 ID cards, and 88 enlistments. As well, FSS supported March real world COOP while evacuating the base of assets and personnel and sustaining C2 function in the UCC and Emergency Operations Center, and again in June during State Emergency Duty.

Again, simply stated FSS mission set has not slowed this past year and as more office moves, challenges and changes to customers' needs arise we will stay every ready.



Susan McGarry, assigned to the 139th Force Support Squadron, is promoted to the rank of chief master sergeant, during a ceremony at Rosecrans Air National Guard Base, in St. Joseph, Mo., July 13, 2019. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

Security Forces Squadron

"Our job is to prepare ourselves to meet any adversary, overcome any threat, and ensure the mission carries on. We accomplish this through challenging training and pushing ourselves to new levels of performance."

-Major Jeremy Funk, 139 SFS/CC

Train the way you fight, and fight to win. This past year had our defenders training to win any fight that came their way. In addition to our training regiment, the squadron was once again put to the test during a base evacuation due to rising flood waters. Through it all, our defenders stepped up and accomplished their training objectives, while safeguarding the Wing's assets during a chaotic period of time.

Operation Spring Rain and Operation Spring Thaw required Security Forces to relocate all valuable assets to secure locations away from the flood threat. Quick action and focused efforts ensured the mission was accomplished. Once our assets were secured, Security Forces patrolled the levies, manned the Emergency Operations Center, secured the base, and responded to the Hardin, Missouri area to place sandbags, helping the local community, and provided aircraft security during the relocation of our aircraft. Security Forces sent ten volunteers on the first one-day mission and Maj. Jeremy Funk responded as the Officer in Charge for the three-day mission that followed. Overall the teams filled and moved and estimated 100k sandbags. Despite a demanding training schedule, Security Forces showed the needed flexibility and volunteerism expected of them to accomplish our local mission.

This year's annual DFT was conducted at Fort

3rd Quarter SFS Operations & Training

• Weapons Qualification Classes	56
• Weapons Qualification	537
• Ammunition Fired	108,706
• DBIDS Transactions	119,740
• DBIDS credentials issued	878
• SF AATTC Ops	12
• CDC/PME Course Completions	22
• Formal Course Completions	13

Riley, Kansas, with a portion here at Rosecrans for duty specific training. While at Fort Riley, our defenders trained on and qualified with the MK19 automatic grenade launcher, M2 .50 caliber machine gun, and the M240 and M249 medium machine guns. These are typically long and hot days on the range, but due the strong work ethic of our defenders and the leadership of the combat arms shop, we maximized the airmen's time and achieved high quality weapons



An increase in water levels of surrounding rivers and waterways caused by record-setting snowfall over the winter in addition to a large drop in air pressure caused flooding across the midwest.



Airmen with the 139th Security Forces Squadron, secure an entry point to a levee near Lake Contrary in St. Joseph, Mo., March 20, 2019. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

training efficiently. Their work ethic was noticed by the Army personnel supervising the training and they received high praise from Fort Riley training staff. After completing weapons training, our defenders went into mission planning training, land navigation, and small team tactics training to prepare them for a final training exercise. A special thanks to the 139th Medical Group, Det 1 Maj. Kristie Miller, 1st Lt. Audra Antes, and Senior Airman John Weeks for their support.

When the defenders returned to Rosecrans we rolled straight into M4 rifle qualifications and home station training requirements. M4 qualifications for defenders covers three tables of instruction, which include live night fire, using night vision to effectively engage targets. When not firing, defenders worked posts and engaged in multiple exercises, ranging from gate runners, flight line incursions, and suspicious subjects.

The training tempo stayed intense for our defenders. After completing the required classroom instruction on use of force, arming requirements, and testing, the practical exercises and evaluations were conducted. The first exercises were baton training and combatives. Defenders learned the proper way to utilize the ASP baton and were evaluated on their technique. Shortly after they transitioned to ground fighting skills training, known as combatives. Defenders learned the techniques to control a combative subject on the ground and how to overcome them and gain compliance or control. This culminated

in live ground fighting exercises where defenders were intentionally fatigued and had to fight their opponent until they gained control or achieved compliance. This training continued as it was brought together in February for the annual use of force evaluation. Defenders were placed in four scenarios requiring them to choose the correct level of force based upon the role player's behavior. The Airman faced a fellow defender in a red man suit who was prepared to deliver strikes or fire sim-munition rounds at them, requiring the defender to quickly respond with the proper amount of force, take the suspect into custody, and finally articulating to the evaluator why they used that amount of force.

Our defenders completed a three mile, 35 pound ruck march to the levy and back several times for our squadron PT. Being fit to fight is something we embrace at the 139th Security Forces Squadron. Our PT program is designed around testing and pushing our defenders based upon the requirements of our career field. We are anticipating the integration of the new Combat Airman Fitness Test for Security Forces which is expected to be approved and released by the AF Security Forces Center sometime this next fiscal year.

The 139th Security Forces Squadron is prepared for another busy year with even more intense, realistic training scheduled for our 2020 DFT, deployments, mission support requirements, and whatever else is thrown our way.



U.S. Airmen assigned to the 139th Security Forces Squadron, Missouri Air National Guard, participate in Combat Level 1 training at Rosecrans Air National Guard Base, in St. Joseph, Mo., Jan 6, 2019. The training involved weapons retention techniques, basic military defensive techniques, as well as non-lethal weapon training. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

Communications Flight

"2019 was a high water mark for the base, the community and our 139th Communications Flight of course the record flood levels impacted all of our operations but more than just the level of the river members set new heights supporting the wing both at home and around the globe." ~ LtCol Patrick J. Shelton, 139th CF/CC

The beginning of 2019 can best be described by the line from The Game of Thrones, "winter is coming." As the snow and ice covered the ground outside the base, a new type of Identity Services Engine was being brought on line by Master Sgt. Woodbury and his team. The hardware/software combination was bought through previous end of year funds. Utilizing connections with the NCANG, the team was able to learn how to bring the system online. This brought the overall network compliance above AF standards and closed a network vulnerability. In the transition between first and second quarter everyone turned towards the river as snow and ice melt threatened our base and the surrounding area. March 21 saw the threat of record flood levels become so severe that base evacuation and EOC operations were conducted for the five days. Members of CF led the charge with levy duty, sand boil patrols, EOC functions and the staggering task of removing 24 servers from the base to ensure the base network and its largest weapons system would be available after the water abated. The full time staff performed at levels never seen before. They evacuated \$2 million worth of assets in under five hours and then brought the entire network back online within 72 hours of accessing the base. Throughout the remainder of the quarter, water levels were monitored as the base kept an evacuation mindset until well into the summer months, at the same time preparing for the UEI.

In preparation for the July UEI, CF requested a wing IG inspection of our training department late in 2018. While the CF has only 31 positions assigned, within those 31 positions are more than 12 separate AFSC training requirements. As a result, 29 deficiencies were identified by our IG team. The entire organization, dove head first in the unit's training program while maintaining a high standard of MICT compliance. Their efforts were proven successful as the UEI team recognized the CF training program as a high achieving function. The third quarter UEI was a high-water mark for the flight as zero deficiencies or

observations were identified. An outstanding effort by each and every member of the flight.

The third quarter showed how impactful the actions of the flight can have upon missions across the street or around the globe. Senior Airman Kahl Masoner was recognized as the third quarter MSG Airman of the Quarter. Masoner used his critical thinking and computer skills to fix a computer issue in the dental clinic which had seen the system being broken for 22 out of the last 24 months. Tech. Sgt. Adam Eisiminger was coined by the AATTC commandant for his outstanding support during operations at Fort Huachuca in Arizona. Finally, Master Sgt. Jessica Ryder was identified for her superior support of Saber Junction exercise in Germany. This multi-national event was improved by her forethought and support from Master Sgt. Michael Stains at home station, as they were able to provide a first ever ground-to-air communications system that was functional across all participating aircraft.

Now, as the days become shorter and the fourth quarter is upon us, the many accomplishments of the 139th CF, all while supporting numerous projects, building moves, and mission growth, is truly awe inspiring. Mother Nature couldn't rain on your parade.



Airmen with the 139th Communications Flight, pose for a photo during a groundbreaking ceremony for the new Communications Complex at Rosecrans Air National Guard Base, Oct. 9, 2019. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

Family Readiness

"The Resilience Tactical Pause (RTP) is intended to provide an opportunity for leaders to engage their Airmen in a manner that fosters interpersonal connection. RTP is not a "down day", but deliberate time to promote trust and confidence in leadership, drive awareness, and to highlight the importance of candid feedback about how we can better support our Airmen.

~ Gen. David Goldfein, Chief Staff of the Air Force



Volunteers for the annual Children's Christmas Workshop pose for a group photos at Rosecrans Air National Guard Base, Dec. 8, 2019. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

Wingman culture and resiliency continues as the theme for Airmen and Family Readiness Program (AFRP) this year. The Resiliency Team consisting of: Chaplains, DPH, MLFC, YRRP, Human Resource Advisor, Equal Opportunity, and SARC have made our permeant move to Bldg. 25. Additionally, we have hired two new member interim director, Ms. Amy Mathias as Airmen and Family Readiness Program Manager and over RSD's, you will find Senior Airman J.J. Gillbourne assigned as AFRP NCO.

Transitions and times of changes or challenges is AFPR specialty. Providing immediate, short-term assistance and referral to appropriate agencies or serve to assist individuals and families facing crisis situations. Family Readiness directly affects unit families, retentions and morale.

Speaking of transitions, our volunteers formally known as Red Shirt volunteers (comprised of former 139th retired members, spouses, and other family and friends) are now Key Spouses. So far this year Gillbourne has trained six Key Spouses, which have completed eight training modules directed by ANG to be in compliance. The Key Spouse is a direct link to the Wing commander when establishing and building unit resilience and a sense of community.

As a reminder the Wing commander may choose whomever he/she deems qualified to perform as a Key Spouse. Interested volunteers should call 816-236-3939.

Annual events AFRP has hosted and or supported: the Children's Christmas Workshop where we had over 780 in attendance, two Retire Ready workshops assisting members eligible to retire in the next five years, the 139th Chiefs and AFRP Golf Tournament raising over \$9,000 for AFRP to support all members and their families throughout FY20, culminating in over 5,377 volunteer hours.



Amy Mathias - Airmen and Family Readiness Program Manager



Inspector General



Col. Ed Black, commander of the 139th Airlift Wing, Missouri Air National Guard, coins the Airmen of the Inspector General office, during an all-call, at Rosecrans Air National Guard Base, in St. Joseph, Mo., July 18, 2019.

The 139 AW had an extremely busy and fruitful CY19, completing all by-law requirements, exercises mandated in AFI 90-201, Attachment 2 and a successful Air Mobility Command Unit Effectiveness Inspection-Capstone (AMC UEI-C) in July, which was graded Effective in all four major graded areas. In addition to Wing IG duties, we continue to build our rapport with the Missouri United States Property Fiscal Office (USPFO) and the Air Force Audit Agency (AFAA) out of Offutt, AFB.

We work closely with these agencies to ensure regulated programs, equipment, and expenditures are kept in compliance. All deficiencies are tracked in the Inspector General Evaluation Management System (IGEMS) for corrective action plans and validate for an effective plan to mitigate future deficiencies.

As previously mentioned, the wing underwent an AMC UEI-C in July 2019 and received an overall Effective grade. The inspection team noted that the wing had a strong Commanders Inspection Program (CCIP) and has embraced Air Force Inspection System (AFIS). The inspection team found 64 total deficiencies, 60 minor and 4 significant with one of the minors going to NGB as the HHQ.

Corrective action plans for all deficiencies were placed into the system within the allotted 90 days. The safety office underwent an Environmental Safety Visit (ESV) at the same time and had numerous issues.

In total, there were 25 deficiencies. Our next UEI is schedule for 2024.

Moving forward the 139th IG is hosting the Readiness Exercise Advanced Planning Execution Reporting (REAPER) course in March 2020 by inviting two Instructors from the Air Force Inspection Agency (AFIA) to teach this new approach to Large-scale Readiness Exercises (LRE). We are opening this up to other IG units to include Wing XP and Emergency Managers. We will put these new skills to test during our local readiness assessment over the extended June 2020 RSD. Furthermore, we have plans for LREs in the years 2021 and 2022 for which AMC will validate Wing Inspection Team (WIT) members on the Wing's intent and effectiveness.

While the 139 AW's UEI-C is in the recent past, the wing will not lose it's focus on maintaining a culture of consistent, continual compliance. We will perform local inspections and conduct assurance exercises to ensure compliance and learn ways to improve. We will continue to keep the wing ready to answer the call of our state and our nation. And finally we will be the on the leading edge for the MAF community. We are a healthy wing with world-class Airmen. Always Ready, Ever Willing.



Safety

The 139th Airlift Wing Safety Team had a busy 2019. The wing hosted the increasingly popular Air National Guard Safety Orientation Course where advanced occupational safety training was given by certified OSHA instructors from the National Guard Bureau to over 40 Air National Guard members from several wings. Personnel who completed this course also received a 10-Hour General Industry OSHA certification card. The last time the wing hosted this event was in 2015.

MSgt Cluck returned from a deployment in support of Operation Inherent Resolve in March just in time to support Operation Northern Tide. He advised commanders and assisted personnel on the ground find safe solutions to problems battling the

rising flood waters of the Missouri River while Major Bodenhausen oversaw the flying operations during the evacuation of assets and equipment to other airfields.

Major Bodenhausen and the flight safety team had a busy year with the aging C-130H aircraft. The 139AW maintenance team identified an unsafe propeller condition while conducting routine inspections on the C-130 propellers. The 139AW took an operational pause from flying to discuss the safest course of action for the unit. The discoveries of the unit changed the inspection cycle and process of the C-130H fleet-wide and could have possibly saved lives down the road.

It was a great honor for Major Bodenhausen and MSgt Cluck to proffer SMSgt Lora Acklin's retirement ceremony in October. SMSgt Acklin retired with over 29 years of service to our nation. MSgt Cluck was selected for and has assumed her duties as the Occupational and Weapons Safety Manager.

MSgt Cluck continues to lead the motorcycle safety program into 2020 by providing training through a partnership with the Ft. Leavenworth Garrison Safety Office to provide our riders with a large number of free training opportunities. Contact your unit's Motorcycle Safety Representative for further details.



Senior Master Sgt. Lora Lea Acklin (left), ground safety officer for the 139th Airlift Wing, retires with over 30 years of service. (U.S. Air National Guard photo by Senior Airman Andrew Rivera)

Public Affairs

The public affairs office started 2019 by documenting flood relief efforts in the St. Joseph surrounding community. Hundreds of Airmen pitched in to reinforce the levee that protects Rosecrans Memorial Airport and surrounding areas. Many communities throughout Missouri flooded which resulted in the governor declaring a state of emergency and ultimately lead to the activation our PA Airmen.

Senior Airman Chappell supported the state PA office in covering flood relief efforts of MONG Soldiers and Airmen. She spent about a week based out of Ike Skelton Training Site and forward deploying from there to cover flood relief efforts. 2nd Lt. Adam Miller covered Airmen's efforts in Norborne where thousands of sandbags were filled.

We sent our troops to cover Vigilant Guard in central Missouri and Maryville. The exercise includes simulated operations in the areas of air traffic control, medical triage and search & recovery. The MO Guard is just one part of this multistate exercise that tests

agencies ability to respond to a major natural disasters.

The MO Guard received a new adjutant general in 2019 and the PA office provided coverage at Ike Skelton Training Site during the TAG's change of command ceremony. Later in the year, we also provided support to the TAG's holiday strategic video message.

Two of our Airmen supported Saber Junction 2019. Not only did they document operation and maintenance supporting the Army, but they also escorted media representatives. The wing was featured in a 24-minute long video covering the Saber Junction exercise. The wing's involvement in the exercise is to provide airlift support for the Army's 173rd Airborne Brigade. The exercise culminated in airdropping hundreds of troops and thousands of pounds of supplies.

As we close out the year, many of our troops are starting tech school and our focus will be on task qualification training enabling us to continue to share the 139th Airlift Wing's story.



Maj. Ed Fattmann, a pilot assigned to the 180th Airlift Squadron, answers questions from reporters at Rosecrans. Fattman has been a pilot with the 180th AS since 2009, but was put on 'duty not including flying' after losing sight in his right eye from a firework misfire in 2012. For his first flight back in military status, he flew with his original crew from his first deployment to Afghanistan in 2010. (U.S. Air National Guard photo by Tech. Sgt. Patrick Evenson)

Advanced Airlift Tactics Training Center



Col. Byron Newell
AATTC Commandant



Col. DeAnna Franks
AATTC Vice Commandant

The mission statement for the AATTC is “Increasing the War Fighting Effectiveness and Survivability of the Mobility Forces.” This same message echoes the focus for 2019 from our lead command and more widely, the concern within our military branches to be tactically ready and prepared for any adversary that may threaten the capabilities of our mobility forces. The AATTC takes that charge as our guiding directive to properly instruct, lead, and professionally development not just our own cadre, but the hundreds of students that pass through our hallways each year from across the commands and in collaboration with our international partners.

Our 2019 began with a deeper look at our units’ strategic goals and upcoming mission initiatives. The first goal is in regards to an elevated focus on military readiness. The AATTC looks to adapt our current curriculum to address Full Spectrum Readiness requirements while continuing to provide advanced academics and confidence to combat coded crews.

During this year, our cadre worked very closely with ANG, AFRC, and Active Duty entities to further propel tactical capabilities across the units. Highlights of those activities included hosting the AFRC MAF Combat Planning Council and our annual AATTC Tactical and Intelligence Symposium for the 37th year with the theme “Full Spectrum Contested Warfare.” Both of those events garnered high participation across the commands and brought about a robust push for tactics proposals that will ultimately facilitate

greater innovation and growth to fly, fight and win in the combat environment.

The second goal is to strengthen alliances and attract new partners. We look to continually broaden our footprint by incorporating new international partners, such as Singapore and India, while expanding our cooperation with our current 18 allied nations.

In 2020 we’ve forecasted for a mobile training team to instruct in Australia for our International Mobility Intelligence Course, and in the late spring of 2020, a first-time event will happen when our aircrew members will be the inaugural United States representatives to participate in the European Tactical Aircrew Course in Orleans, France. Our association with ETAC is a historical milestone that showcases our units influence and partnership experience with our NATO allies and will open the door to more engagements with future partners their new mobility airframes.

To cultivate a culture of rapid and meaningful innovation is our third goal in 2019. Across all AATTC divisions, we want to foster growth that highlights our total force operators and intelligence professionals. To achieve this, our work with industry and organizational partners to develop and educate in the areas of emerging threats, defensive system modernization and counter tactics development, are supported by our continued close association with experts such as Georgia Tech Research Institute and the ANG/AFRC Test Center. In 2019, our AATTC leaders worked overtime to speak at key conferences such as MAF/CAF/ARC WEPTACs, AT/A, cross-tells, symposiums and more to articulate the current status and environment that our mobility forces are facing.

The service and commitment by each member of our team is truly top-notch and it shows in the efforts and outcomes that fully support our mission and goals. We turn our focus to continuing our mission of being



AATTC - Training Division

Courses

- Advanced Tactics Aircrew Course (ATAC)
- Advanced Air Mobility Intelligence Course (AAMIC)
- International Mobility Intelligence Course (IMIC)
- Mobility Commanders Tactics Course (MCTC)
- Mobility Datalink Manager's Course (MDMC)
- Combat Aircrew Tactics Studies (CATS)
- Mobility Electronic Combat Officer Course (MECOC)

This fiscal year, the AATTC Training Division executed 32 separate courses as directed by AMCI 11-207, providing exceptional, "one of a kind," training for over 579 U.S. and allied students, to include the countries of Denmark, Israel, Italy, Japan and Korea.

ATAC: There were ten AATTC flying courses this fiscal year featuring two and a half days of academics and nine flying sorties. We trained a total of 177 MAF crewmembers, broken down as follows: AMC-35, ACC-5, ANG-65, AFRC- 24, USMC- 11, PACAF-5 and 32 allied. Allied students were trained from the following countries: Denmark, Israel, Italy, Japan and Korea.

POC: *Capt. Brent Pankau, DSN 356-3514*

AAMIC: This three-week course, held in conjunction with the Aircrew Course, affords intelligence and aircrew personnel the opportunity to brief, mission plan, and fly together, fostering improved interoperability and increased combat capability. We had a total of eight AAMIC classes this fiscal year with 111 AAMIC students broken down as follows: AMC-58, ANG-32, AFRC-9, PACAF-3, USAFE-8 and AETC-1.

POC: *Lt. Col. Sue Vogel, DSN 356-3742*

IMIC: This two-week course, held in conjunction with the Aircrew Course, affords intelligence and aircrew personnel the opportunity to brief, mission plan, and fly together, fostering improved allied interoperability and increased combat capability. This course is based on the original AAMIC. There was one IMIC class held this fiscal year. A total of 4 IMIC students were trained - one from Belgium and two from the Netherlands.

POC: *Capt. Matt Cotter, DSN 356-3546*

MCTC: The AATTC instructors provided a two-day tactics refresher for squadron and group commanders, squadron operations officers, and intelligence commanders. MCTC better prepares these officers for their leadership duties and responsibilities while deployed to an area of operations. There were four MCTC classes held this fiscal year. A total of 46 leaders were trained broken down as follows: AMC-13, ANG-24, AFRC-6, USAFE-1, PACAF-1 and AETC-1.

POC: *Maj. Mike Gard, DSN 356-3732*

MDMC: As units across the MAF continue to be outfitted with RTIC, we have seen an exponential increase in requests for training. This course focuses on developing unit level subject matter experts to establish and maintain wing datalink infrastructures and training programs. All MAF datalink systems are taught with emphasis on the SADL that is being installed on the ARC C-130H fleet, as well as the regular Air Force C-130J and C-17 fleets. This course was offered three times this fiscal year with 32 attendees broken down as follows: ANG-18, AMC- 9, AFRC-3, AETC-1, and other-1.

POC: *Major Jim Hodgson, DSN 356-3774*

CATS/MECOC: This two-week academic course is an AMCI 11-207 requisite for Tactics Chiefs. There were six CATS/MECOC classes held this year with a total of 210 CATS-MECOC students trained broken down as follows: AMC-94, ACC-8, ANG-50, AFRC-27, PACAF-11, USAFE-11, AETC-5, USMC-2 and 2 Civilians.

AATTC - Development Division



AATTC's Development Division is focused on developing, testing, and training relevant tactics based on currently installed equipment, operator needs, and adversary TTPs.

Tactics Development: Lt. Col. Kirk Teufel and Lt. Col. Dan Rees attended the CAF WEPTAC outbrief in January providing information and support to AMC/A3D from the previous year's MAF WEPTAC/TRB due to high turnover in their office. Master Sgt. Johnson and Tech. Sgt. Davenport attended the AMC CRB in February, in order to advance multiple efforts for hardware changes to multiple mobility major weapons systems. Rees provided a consolidated brief from AMC's Full Spectrum Readiness focus efforts. In April the AF Reserve Combat Planning Council was again held at AATTC. Development Division supported in full force providing all leadership and speaker committee actions with an excellent agenda for successful formulation of the Prioritized Integrated Requirements List. Rees led multiple special access program meetings throughout the year in conjunction with AMC/A8Z and the 561 WPS. Rees attended the C-130 Integrated Test Team at Eglin AFB in May, providing inputs to the development and test

priorities synchronization efforts. All of Development Division gave maximum support to every major MAF conference this year, to include the AATTC Tactics and Intelligence Symposium, CPC, MAF WEPTAC/TRB, and ARC WEPTAC.

Electronic Warfare Systems: All of Development Division provided EW expertise to the CATS-MECOC rewrite during its major overhaul to ensure the course continues to be the source of knowledge for MAF tacticians around the globe. Lt. Col. Tom Kroh attended the Old Crows Modern Threats Conference, focusing on increasing threats from Iran's arsenal of capabilities. Lt. Col. Kirk Teufel, Lt. Col. Dan Rees, and Capt. Bigham visited the GTRI campus in March to explore new technologies and solidify the latest requirements document for the Mobility Electronic Training Environment. In April Kroh, Teufel, and Rees attended a common defensive system processor solution meeting at AMC with elements of AMC/A3, AMC/A5, and AATC contributing to documentation for a common MAF solution to streamline efforts. Mr. Heftye and a team of AATTC members attended the Joint Expendable Countermeasure Integrated Product

Team in Savannah, Georgia, increasing AATTC awareness of emerging technologies and providing mobility operator inputs to future employment TTP. In May, Kroh attended the Defense Threat Reduction Agency Conference to hone the MAF's efforts with focused discussion and found a way forward for EMP mitigation and hardening efforts. In June, he conducted an infrared suppression system analysis in conjunction with MSIC at the request of AMC/A3DT to provide recommendations for potential procurement. In July, we were engaged in an AFSOC discussion on large aircraft infrared countermeasure deficiency reports and another regarding an embedded GPS/INS (EGI) issue with the Northrop Grumman Corporation which resulted in new tactics developments. Additionally, Kroh and Rees visited Northrop Grumman to assist AMC/A5 in examining new radio frequency countermeasure defensive systems in conjunction with AFSOC.

Datalink: There were many advances for our datalink efforts. The Little Rock ANG received all their RTIC equipment, Lt. Col. Kirk Teufel and Capt. Bigham provided an MTT with ground academics followed by flying training. Rees attended a MUDLAN JCTD in Oxnard, California, that supported increased pod capabilities discussion for the KC-135. In May, AATTC hosted the MAF Datalink Users Group which included briefings from multiple different MAF datalink entities and, most

importantly, created an AMC Data Link syllabus to be implemented by AMC/A3T for all MAF datalink users. Our datalink subject matter experts, Maj. Hodgson and Capt. Bigham, were extremely busy this year representing the MAF at TCG Datalink Users Group, SADL Users Group and JT-220 (an advanced Link 16 Class held by ACC/A3CJ). As we immerse ourselves into modern combat, AATTC's ability to proliferate our communications expertise to the MAF has been vital to the success of datalink across the mobility enterprise.

Tactics Analysis: TA championed multiple GUNSLINGER SMOKE intelligence products supporting Tactics Development initiatives and Test efforts for both the active duty and ARC, providing expert classified analysis on a variety of topics. This support is critical in the advancement of items on both the AMC Test Priority List and the ARC Modernization Book that allocates funding to future integration of capabilities for the MAF.

AMTASE: We welcomed Senior Master Sgt. Chris Strunk as the new AMTASE Chief. We look forward to the good work that he will do, especially for the upcoming AMTAT at the end of January 2020. Staff Sgt. DeVon Davis collaborated with multiple intelligence community agencies and tactics analysis teams to further hone efforts to prepare for AMTAT 2020 by contributing multiple AMTASE PONY



Weapons Instructor Course

1st Quarter: In recent years, the Air Force has experienced a decline in Weapons School applications, and the C-130H WIC has been hit particularly hard; however, the cadre of instructors and staff worked diligently in the first quarter to get their students through the Air Force's most difficult tactics course. The C130H WIC, as part of the 29th Weapons Squadron, graduated two C-130H and three C-130J Weapons Officers. Additionally, their integrated efforts contributed to graduation of 105 new WOs. Lt. Col. Brooks worked with 29 WPS/CC, NGB/A3 and AMC/A3D to draft and staff a memorandum detailing the ARC requirement for C-130H WOs. Maj. Martina, the WIC's only assigned AFRC C-130H WO, completed his WIC assignment and moved to Washington D.C. to represent C-130H and tactical airlift equities as an AFRC action officer at HAF.

2nd Quarter: Although the C-130H WIC did not have enough applicants to conduct a class for 19A, the staff remained busy. Master sergeants McCabe, Kass and Reinert attended CATS-MECOC to deepen their employment expertise, and Lt. Col. Brooks and majors Marty, Haugsven and Riggs helped out AATTC as CATS-MECOC and ATAC instructors. Additionally, Brooks overhauled the WIC portion of the MCTC, focusing on MAF-wide WIC recruiting and WO management, and briefed ANG wing commanders at the Weapons Systems Council, highlighting the WO's role in supporting various USAF and AMC priorities such as restoring readiness, driving innovation and developing leaders. The C130H WIC Division remained actively integrated with 29 WPS throughout the quarter; in fact, Riggs and Reinert planned and led a 66-person, 5-aircraft deployment to Joint Base Elmendorf-Richardson, Alaska, airdropping 575 jumpers, including 50 artic ski jumpers, in support of C-130J WIC training objectives. Finally, the C-130H WIC unveiled their informational and recruiting webpage on the 139th public website, providing the first online presence ARC members looking for information about the C-130H WIC program.

3rd Quarter: Lt. Col. Fuccillo planned and led a 4-aircraft C-130H & C-130J deployment to Colorado. During this time, WIC cadre organized an interfly

with the C-130H unit at Colorado Springs, observing their scenario-based training program. Additionally, Tech. sergeants Boyles and Munger achieved the pinnacle of loadmaster development by attending and graduating from the C-130J Loadmaster AIC, becoming the ARC's first AIC graduates. During this time, Lt. Col. Marty traveled to Georgia to fly with the Reserve unit at Dobbins, successfully recruiting one member for 2020. Fuccillo, the last active duty WIC instructor, departed St. Joseph for his next assignment as Red Flag Alaska airlift SME. Furthermore, Brooks coordinated a 3-week, C-130J WIC mission to Nellis AFB, contributing to the graduation of 4 C-130J (103 total) WOs and 11 new AIC graduates. Finally, the C-130H WIC received the last signature for the C-130H ARC WO requirements memo, setting the stage for concept of operations development and affirming the organization's primary mission of producing WOs.

4th Quarter: Lt. Col. Bravo, Lt. Col. Brooks and Maj. Marty traveled to Minnesota to discuss the Weapons School program with crewmembers from the two Guard and Reserve units. Majors Haugsven, Marty and Riggs returned the next month for another opportunity at recruitment, identifying candidates for classes in 2020 and 2021. Additionally, WIC officer and enlisted staff reviewed several tactics bulletins, including Combat Offload – Method C, Expendable Buffer Stop, and Modified C-130H Interfly. Moreover, Brooks attended MAF WEPTAC to gain an understanding of AMC's current concerns and garner C-130H WIC CONOP support. During this time, the WIC instructors began to work with their C130J counterparts to overhaul the C-130 WIC syllabus, applying the academia's latest techniques to drive more indelible learning. Furthermore, Master Sgt. Kass spearheaded a building-wide update, clearing a backlog of projects and upgrading the student's classroom and mission planning capabilities. Riggs and Munger led a 54-person, 4-aircraft WIC deployment to JBER, Alaska for joint airdrop training. Finally, Tech. Sgt. Wilkerson proactively converted all the C-130H training identifiers for Rosecrans ANGB aircrew members to the new standards prescribed in



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