

# U.S. Army Materiel Command RESOURCE GUIDE



FALL 2020



U.S. ARMY



# AMC BY THE NUMBERS



**50 STATES**  
and more than  
**150 COUNTRIES**  
with an AMC presence or impact

**~\$50 Billion**  
Annual Budget

**157**  
Battalion and Brigade  
Commands

**7,000+**  
Mechanics,  
Electricians  
and Machinists

**2**  
Separate  
Reporting  
Activities

**10**  
Major  
Subordinate  
Commands



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**FRONT COVER:** An M2 Bradley assigned to 2nd Brigade, 3rd Infantry Division, drives towards a bridge during a joint rehearsal with Polish and U.S. allies at Drawsko Pomorskie Training Area, Poland, June 8, 2020. (U.S. Army photo by Spc. Denice Lopez)



Capt. Reuben Pearlman assigned Headquarters and Headquarters Battalion, 4th Infantry Division, reunites with his family following a homecoming ceremony at the William "Bill" Reed Special Events Center Fort Carson, Colo. (U.S. Army photo by Sgt. Daphney Black)



U.S. Army paratroopers assigned to 2nd Battalion, 503rd Infantry Regiment, 173rd Airborne Brigade compete during the Lozada Shield Challenge on Caserma Del Din, Italy. (U.S. Army photo by Spc. Ryan Lucas)



Gas metal arc welding is used on clean metal. Here, Anthony Cochran uses this method to weld a part in Anniston Army Depot's Combat Vehicle Repair Facility. (U.S. Army photo by Mark Cleghorn)



A Crane Army Ammunition Activity employee loads ammonium picrate munitions for disposal. (U.S. Army photo by Hayley Smith)

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A convoy of vehicles drives through Army Prepositioned Stocks-5 remote staging lot in preparation for forward transport during a large-scale equipment issue from APS-5, at Camp Arifjan, Kuwait. (U.S. Army photo)



A MaxxPro A4 Mine-resistant, ambush protected (MRAP) vehicle is inspected by a contracted quality control specialist at Bagram Airfield, Afghanistan. (U.S. Army photo)



Army Vantage uses data from a wide array of sources to create a robust Soldier profile. Tools like Army Vantage help with senior leaders make informed decisions. (U.S. Army photo)



Biomedical equipment specialist Willie Kendrick conducts depot-level maintenance on a ventilator as the Army supports COVID-19 response efforts worldwide. (U.S. Army photo by Ellen Crown)



**BACK COVER:** A Soldier assigned to 2nd Brigade Combat Team waits to move an M1A1 Abrams tank aboard a military transport vessel in support of DEFENDER-Europe 20 at the Port of Savannah, Ga. (U.S. Army photo by Eben Boothby)



## U.S. ARMY MATERIEL COMMAND

**As the Army's materiel integrator for nearly six decades, U.S. Army Materiel Command (AMC) continues to demonstrate excellence in providing logistics, sustainment and materiel readiness from the installation to the battlefield to ensure globally dominant land force capabilities.**

### MISSION

- Deliver logistics, sustainment and materiel readiness from the installation to the forward tactical edge to ensure globally dominant land force capabilities

### VISION

- Operationalized to ensure Army materiel readiness for a globally dominant land force.

Headquartered at Redstone Arsenal in Alabama, AMC continues to build readiness, set the conditions to create surge capability and capacity, and modernize in support of future capabilities. AMC is synchronizing and integrating the collective power of the installation and materiel enterprise to support Army global priorities and Combatant Commanders' requirements. One of four Army Commands, AMC is critical to the Army and its role in fighting and winning the nation's wars.

AMC's complex missions range from maintenance and distribution of spare parts, to security assistance programs in support of partner nations, to providing enterprise-wide financial management capabilities that facilitate Army accountability, auditability and stewardship.

Over the past few years, the command has postured itself to ensure readiness of the Strategic Support Area within the Multi-Domain Operations concept. A critical step is highlighting the importance of Army installations, posts, camps and stations as much more than just where Soldiers and families live. Installations are also where Army Soldiers train, where they mobilize and deploy from, and where they conduct the day-to-day business of the Army.

The command leads, manages and operates the Army's Organic Industrial Base (OIB). Consisting of 26 depots, arsenals and ammunition plants, the OIB's workforce overhauls, modernizes and upgrades major weapon systems. These facilities are essential to providing the necessary resources to the warfighter, and AMC is ensuring the OIB is ready to sustain fielded systems, maintain pace with Army modernization efforts and postured to surge in support of combat operations.

ABOVE: Sgt. Matthew Messinger and Pvt. Rachel Foshee, 15T Blackhawk repairers assigned to 3rd Battalion, 25th Aviation Regiment, 25th Combat Aviation Brigade, are working daily to make sure maintenance gets done on the UH-60 Blackhawks. Every member of the team allows 25th Combat Aviation Brigade to remain ready at all times. (U.S. Army photo by Sgt. Sarah D Sangster)

OPPOSITE PAGE: Willie Sanders, a mechanic for Anniston Army Depot, builds a damper housing for an AVDS-1790-8CR diesel engine in the Powertrain Flexible Maintenance Facility. (U.S. Army photo by Jennifer Bacchus)

### AMC Major Subordinate Commands:

- U.S. Army Contracting Command (ACC)
- U.S. Army Aviation and Missile Command (AMCOM)
- U.S. Army Sustainment Command (ASC)
- U.S. Army Communications-Electronics Command (CECOM)
- U.S. Army Installation Management Command (IMCOM)
- Joint Munitions Command / Joint Munitions and Lethality Life Cycle Management Command (JMC)
- Military Surface Deployment and Distribution Command (SDDC)
- U.S. Army Tank-automotive and Armaments Command (TACOM)
- U.S. Army Financial Management Command (USAFMCOM)
- U.S. Army Security Assistance Command (USASAC)

### AMC Separate Reporting Activities:

- Chemical Materials Activity (CMA)
- Logistics Data Analysis Center (LDAC)

### Command under AMC Operational Control:

- Army Reserve Sustainment Command (ARSC)

AMC is the Department of Defense executive agent for both the chemical weapons stockpile and conventional ammunition. AMC ensures the right munitions – from small caliber ammunition to ballistic missiles – are in the right places, at the right time, to meet requirements.

Across the command, transportation offices, depots, plants, ports and installation infrastructure, including railheads and airfields, are key to the nation's power projection capabilities, enabling the rapid and effective deployment of troops, equipment and supplies. AMC also maintains the Army's Prepositioned Stocks, both on land and afloat.

AMC provides the equipment, facilities, repair parts, predictive analytics and expertise to sustain or replace equipment before it impacts unit readiness. Through this, AMC ensures Army units are ready to mobilize, deploy and execute requirements. By acquiring the tools and technology to leverage big data and make informed decisions in a real-time environment, AMC is developing agile and resilient information systems to enable Army readiness.

Throughout every effort, the command is focused on the Secretary of the Army and Chief of Staff of the Army's priorities of readiness, modernization and reform with a people-first philosophy. The Army relies on its Soldiers, Department of the Army Civilians and families to accomplish its missions, and AMC is constantly



working to improve quality of life initiatives and expand workforce diversity for its people and the Soldiers it supports.

AMC relies on a workforce of around 190,000 military, Department of the Army Civilian and contractor employees – many of whom have highly developed specialties in maintenance, manufacturing and logistics. By the numbers, the command's 10 MSCs and two separate reporting activities deliver readiness solutions across the total force. AMC manages 95 active Army installations, 26 OIB facilities, and has a presence in all 50 states and more than 150 nations across the globe.

AMC is the foundation to Army strategic readiness. Operations do not happen without the installation and materiel readiness AMC provides.

### FIND OUT MORE

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# HOW TO DO BUSINESS WITH THE ARMY

U.S. Army Materiel Command relies on industry partnerships to deploy, equip and sustain the warfighter.

*The following steps can be used as a guide to doing business with the Army.*

## 1. DETERMINE THE PRODUCT OR SERVICE

It is very important to first determine the exact product or service you wish to sell to the Army. To correctly differentiate between marketing strategies and individual customers with specific needs, Federal Supply Classification Codes (FSC) are used to group products into logical families for management purposes. The four-digit fields are used to group standardization documents and their products. The FSCs are listed here: <https://everyspec.com/FSC-CODE>.

In addition, the North American Industry Classification System (NAICS) groups establishments into industries based on its primary activity: <https://www.census.gov/eos/www/naics>. Once a product or service has been chosen, use the Small Business Administration (SBA) size standard table to determine the business size in the NAICS code. It's not uncommon for companies to qualify as "small" for one type of product they sell, but "large" for another.

## 2. REGISTER IN THE SYSTEM FOR AWARD MANAGEMENT

To do business with the U.S. government, including contracts and grants, businesses must register in the System for Award Management (SAM). Registration is free and can be accomplished online at <https://www.sam.gov>. A new Commercial and Government Entity (CAGE) code will be assigned if one doesn't already exist, or, if there is a current CAGE code, that information will be updated. The CAGE code is a five-character alpha-numeric identifier assigned to entities located in the U.S. and its territories.

A Data Universal Number System (DUNS) number is also required and may be obtained from Dun and Bradstreet at <https://www.dnb.com> or by calling 1-800-333-0505 or 610-882-7000. The DUNS number is a unique nine-digit identifier for businesses used to establish a D&B business credit file,

which is often referenced by lenders and potential business partners to help predict the reliability and/or financial stability of the company in question.

After an initial SAM registration, it must be updated annually. To note, the Dynamic Small Business Search profile of the SAM registration is a database also used by government buyers seeking specific small businesses.

## 3. KNOW WHICH DIVISION OF THE ARMY WOULD BUY A PRODUCT OR SERVICE

Billions of dollars are expended annually in support of the Army's mission. Most of the Army's buying activities make purchases in support of their individual base requirements and are considered local buys. The major Army Commands also have contractual responsibilities, depending on their mission requirements.

Find your niche. Don't try to be everything to everybody. Products and services should only be marketed to potential customers that buy what you sell. Create a one-page capabilities statement that summarizes your experience. Longer capability briefings should be tailored to the specific customer you are meeting and demonstrate how you can address their challenges, including how your service or product has a positive impact on a Program Manager's cost, schedule and performance.

## 4. RESEARCH CUSTOMERS

As with any customer, it is best to do research about the activity before contacting them. Many Army activities maintain their own websites and this information may be helpful in identifying the primary mission of that command.

Department of Defense's Small Business Professionals (SBPs) are advocates for small businesses and should be the first points of contact inside an agency. SBPs can help customers understand their organization's mission, culture, challenges and requirements. Links to DOD Small Business Offices are available at <https://business.defense.gov/Small-Business/DoD-Small-Business-Offices>.

- AMC – <https://www.amc.army.mil>
- Army Corps of Engineers – <https://www.usace.army.mil>
- Army Medical Command – [www.army.mil/armymedicine](http://www.army.mil/armymedicine)
- National Guard Bureau – <https://www.nationalguard.mil>

## 5. DETERMINE IF THE GOVERNMENT PURCHASE CARD CAN BE ACCEPTED

Certain personnel at each installation are authorized to use government purchase cards (also known as IMPAC cards) to buy supplies and services valued at \$5,000 or less. Some activities may provide a listing of the purchase card holders who can directly market products or services.



Nearly 300 participants, including members of small and large local, regional and national businesses, as well as chamber representatives and government employees from Northeastern Pa., participate in Tobyhanna Army Depot's Industry Day. The event highlighted the partnership between the military and industry, and provided a forum to introduce potential opportunities. (U.S. Army photo by Alexandria Soller)

## 6. SEEK ADDITIONAL ASSISTANCE IN THE DEFENSE MARKETPLACE

There are numerous agencies that can assist small business firms seeking to do business with the Army and other federal agencies.

- The Small Business Administration (SBA) provides a wide array of services to small businesses, including counseling, certifications, financial assistance, small business management assistance and free or low cost training. For more information, go to <https://www.sba.gov>.
- Procurement Technical Assistance Centers (PTAC) serve as a resource for businesses that are both pursuing and performing under government contracts. They are located in most states and are partially funded by DOD. Services provided by PTACs include counseling, registration assistance for systems such as SAM, identification of contract opportunities, help in understanding requirements and training at minimal or no cost. For more information, go to <https://www.aptac-us.org>.
- Small Business Development Centers provide aspiring and current small business owners a variety of free business consulting and low-cost training services, including business plan development, manufacturing assistance, financial packaging and lending assistance, exporting and importing support, disaster recovery assistance, procurement and contracting aid, market research help, 8(a) program support and healthcare guidance. For more information, go to <https://www.sba.gov/tools/local-assistance/sbdc>.
- The Service Corps of Retired Executives is a nonprofit association dedicated to helping small businesses get off the ground, grow and achieve their goals through education and

mentorship. They are supported by the SBA and thousands of volunteers and can deliver services at minimal or no cost. For more information, go to <https://www.SCORE.org>.

## 7. BECOME FAMILIAR WITH CONTRACTING REGULATIONS AND PROCEDURES

It is very important to understand the rules that govern DOD acquisitions, as they are complex. The following regulations govern contracting procedures within the Army and are available online:

- Federal Acquisition Regulation (FAR) – <https://farsite.hill.af.mil/vmfara.htm>
- The Defense Federal Acquisition Regulation Supplement (DFARS) – <https://farsite.hill.af.mil/vmdfara.htm>
- The Army Federal Acquisition Regulation Supplement (AFARS) – <https://farsite.hill.af.mil/vmafara.htm>

## 8. UTILIZE THE ARMY SMALL BUSINESS PROGRAMS

The Army runs several socioeconomic programs that provide assistance to small businesses of various types:

- <https://osbp.army.mil>:
- Service-Disabled/Veteran-Owned Small Business
  - Historically Underutilized Business Zones
  - Small Disadvantaged / 8(a) Business (SDB)



Army Materiel Command works with industry partners to ensure Soldiers have the equipment they need, when and where they need it. (U.S. Army photo by Eben Boothby)

- Woman-Owned Small Business
- Subcontracting
- Mentor-Protégé
- Small Business Innovation Research
- Small Business Technology Transfer
- Historical Black Colleges and Universities/Minority Institutions

## 9. PURSUE SUBCONTRACTING OPPORTUNITIES

Regardless of the product or service, a very large secondary market exists in Subcontracting Opportunities with DOD Prime Contractors. The DOD Prime Contractor Directory identifies large prime contractors that are required to establish subcontracting plans. The list includes company names, prime contract numbers, contract periods of performance, NAICS codes, company points of contact (POCs), POC phone numbers and POC email addresses. This directory includes contact information of prime contractors for potential subcontracting opportunities. For more information, go to <https://business.defense.gov/Acquisition/Subcontracting/Subcontracting-For-Small-Business>.

SBA's SUB-Net allows you to search for potential subcontracting opportunities. The SUB-Net database identifies subcontracting solicitations and opportunities posted by large prime contractors and other non-federal agencies. You have to create an account to use this resource. For more information, go to <https://web.sba.gov/subnet>. The Small Business Administration's "Subcontracting Assistance Directory" identifies who can be contacted for questions about subcontracting. For more information, go to

<https://www.sba.gov/federal-contracting/contracting-guide/prime-subcontracting>.

## 10. MONITOR FEDERAL BUSINESS OPPORTUNITIES

Federal business opportunities are posted on <https://beta.sam.gov>. This is a single point of entry for the federal government and should be monitored daily.

## 11. CONNECTING INDUSTRY AND DOD

The Defense Innovation Marketplace, <https://www.defenseinnovationmarketplace.mil>, is a communications resource to provide industry with improved insight into the Research and Engineering (R&E) investment priorities of DOD. The marketplace contains DOD R&E strategic documents, solicitations and news/events to better inform Independent Research and Development (IR&D) planning. The IR&D Secure Portal houses project summaries that provide DOD with visibility into the IR&D efforts submitted.

Your organization's IR&D data input into the Defense Innovation Marketplace is considered proprietary and protected accordingly. Access to the database is restricted to DOD federal employees or military service members only with a Common Access Card and a direct interest in technology development or S&T planning.

## 12. PROTECTING THE DOD'S UNCLASSIFIED INFORMATION

DFARS Clause 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting, requires contractors/subcontractors to provide adequate security to safeguard covered defense information that resides on or is transiting through a contractor's internal information system or network. Covered defense information means:

- Unclassified controlled technical information or other



When marketing a product or service, it is important to clearly present capabilities to the Army activities and prime contractors. (U.S. Army photo by Eben Boothby)

information as described in the Controlled Unclassified Information Registry that requires safeguarding or dissemination controls pursuant to and consistent with law, regulations and government-wide policies and is

- 1) Marked or otherwise identified in the contract, task order or delivery order and provided to the contractor by or on behalf of DOD in support of the performance of the contract; or
- 2) Collected, developed, received, transmitted, used or stored by, or on behalf of, the contractor in support of the performance of the contract.

- Cybersecurity in DoD Acquisition Regulations –

<https://dodprocurementtoolbox.com>.

- Defense Procurement and Acquisition Policy –

<https://www.acq.osd.mil/dpap/dars/dfarspgi/current/index.html>.

- Cybersecurity Evaluation Tool –

<https://ics-cert.us-cert.gov/Downloading-and-Installing-CSET>.

- National Institute of Standards and Technology Manufacturing Extension Partnership –

<https://www.nist.gov/mep>.

## 13. INVESTIGATE FEDERAL SUPPLY SCHEDULES

As the acquisition workforce within the Army is downsized, more and more products and services are being purchased from General Services Administration (GSA) schedules. GSA's acquisition solutions supply federal purchasers with cost-effective high-quality products and services from commercial vendors. Contact <https://www.gsa.gov> for more information.

## 14. MARKETING

After the customers have been identified, requirements researched, and the procurement regulations and strategies generally understood, the final step is to market the product or service directly. Capabilities should be clearly presented to the Army activities and prime contractors. If the match is a good one, they can be provided with a cost-effective, quality solution to their requirements.

## 15. DOING BUSINESS WITH THE DEFENSE LOGISTICS AGENCY

The Defense Logistics Agency (DLA) is DOD's logistics combat support agency, providing worldwide logistics support in both peacetime and wartime to the military services, as well as several civilian agencies and foreign countries. As the nation's combat logistics support agency, DLA (<https://www.dla.mil>) manages the global supply chain – from raw materials, to end user, to disposition – for the Army, Navy, Air Force, Marine Corps, Coast Guard, 11 combatant commands, other federal agencies, and partner and allied nations.

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# HOW TO DO BUSINESS WITH THE ARMY: CENTERS OF INDUSTRIAL & TECHNICAL EXCELLENCE

Title 10, U.S. Code, Section 2474 requires the Secretary of the Army to designate each depot-level activity or Army military arsenal facility as a Center of Industrial and Technical Excellence (CITE) in one or more specific technical competencies required for core capabilities. CITEs can enter into public-private partnerships that may provide for:

- CITE employees, Private industry or other non-Department of Defense entities to perform work under contract related to the CITE's core competencies.
- Private industry or other non-DOD entities to use, for any length of time consistent with DOD needs, and any facilities or equipment not fully utilized for DOD work.

Army Materiel Command's CITEs include the following:

## **Anniston Army Depot, Anniston, Alabama**

- CITE for combat vehicles (wheeled and track) (except Bradley) including assault bridging, artillery and small caliber weapons – Oct. 24, 2002.

## **Anniston Army Depot Defense Non-Tactical Generator and Rail Equipment Center (DGRC), Anniston, Alabama**

- CITE for maintenance and overhaul of non-tactical generators, including locomotives and rail equipment – July 29, 2014.

## **Communications-Electronics Command Software Engineering Center, Aberdeen, Maryland**

- CITE for Army Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Systems Software Maintenance – Jan. 5, 2017.

## **Corpus Christi Army Depot, Corpus Christi, Texas**

- CITE for aviation structural airframes and blades, advanced composite technologies, flight controls and control surfaces, aviation engines, transmissions and hydraulic systems, including sub-system accessory components, armament, electronics and support equipment (less avionics) – Oct. 24, 2002.

## **Letterkenny Army Depot, Chambersburg, Pennsylvania**

- CITE for air defense and tactical missile ground support equipment (less missile guidance and control) and mobile electric power generation equipment – Sept. 27 2005.

- CITE for Route Clearance Vehicles (RCV) and Patriot missile recertification – Mar. 17, 2012.
- CITE for Army tactical missile systems, guided multiple launch rocket systems and low cost reduced range practice rockets missile maintenance – Mar. 7, 2016.

## **Pine Bluff Arsenal, Pine Bluff, Arkansas**

- CITE for chemical and biological defense equipment – Sept. 27, 2005.
- CITE for smoke ammunition – Jan. 10, 2017.

## **Red River Army Depot, Texarkana, Texas**

- CITE for tactical wheeled vehicles, small emplacement excavator, Bradley Fighting Vehicle series, multiple launch rocket system chassis, Patriot missile re-certifications and for rubber products necessary for sustainment and support to the U.S. and Allied forces and agencies – Oct. 24, 2002.

## **Rock Island Arsenal-Joint Manufacturing Technology Center, Rock Island, Illinois**

- CITE for Mobile Maintenance Systems (MMS) – May 6, 2009.
- CITE for Add-on Armor design, development and prototype fabrication – July 17, 2012.
- CITE for foundry operations – Feb. 13, 2013.

## **Sierra Army Depot, Herlong, California**

- CITE for 622623 Reverse Osmosis Water Purification Units – Jan 9, 2007.
- CITE for petroleum and water storage and distribution systems – May 25, 2011.

## **Tobyhanna Army Depot, Tobyhanna, Pennsylvania**

- CITE for Command, Control, Communications, Computers, Intelligence, Surveillance & Reconnaissance (C4ISR), electronics, avionics, and missile guidance and control – Mar. 8, 2006.

## **Tooele Army Depot, Tooele, Utah**

- CITE for Ammunition Peculiar Equipment (APE) – March 1, 2010.

## **Watervliet Arsenal Joint Manufacturing and Technology Center, Watervliet, New York**

- CITE for manufacturing cannons and mortars systems – Jan 19, 2013.

# HOW TO DO BUSINESS WITH THE ARMY: PUBLIC-PRIVATE PARTNERSHIP: WHAT IS IT?

## ARMY OBJECTIVES:

- Improve Operational Efficiencies
- Lower Cost of Products and Services
- Accelerate Innovation
- Leverage Public-Private Investment
- Sustain Critical Skills and Capabilities

The goal of public-private partnership (P3) is to establish mutually beneficial relationships between the Army and private and public sector organizations to increase readiness. It is an agreement between an Army facility and one or more private industry entities to perform work or utilize the Army's facilities and equipment. Partnering is a cooperative effort, not a competitive engagement.

AMC takes great pride in ensuring that partnerships are an important part of our portfolio. The power of partnering provides a superb opportunity for government and industry to collectively and collaboratively build a unified relationship, resulting in the timely acquisition and production of high quality equipment for the joint warfighter at a reduced cost. Partnering is an effective tool we have to protect AMC capabilities in both public and private sectors.

The AMC enterprise supports two types of partnerships. The first partnership type is a P3. For instance, 10 United States Code, Section 2474, enables Centers of Industrial and Technical Excellence (CITE) to engage in partnerships with private industry. A P3 establishes a funded and/or operated partnership between the government and one or more private sector companies. In simpler terms, if there is a mutual opportunity to work together, the AMC enterprise wants to partner with you!

The second partnership type is public-to-public partnership, or what is commonly referred to as a P2. A P2 partnership is normally engaged by the government sector and is built on an agreement between two government entities for the sale of its products and/or services through a Memorandum of Agreement (MOA) or Memorandum of Understanding (MOU). It is executed through a Statement of Work (SOW). Both P2 and P3 provide endless benefits for all parties involved while ensuring the final production of quality equipment and systems for the Army.



Jennifer Letson, left, and Victoria Perkins, both with the U.S. Army Aviation Missile Command (AMCOM) office of small business, talk with Joe Fitzgerald, Civilian Aide to the Secretary of the Army for North Alabama, during the AMCOM Advanced Planning Briefing to Industry on Redstone Arsenal, Ala. (U.S. Army photo by Jesse Barber)

## STATUTES AND REGULATIONS

Numerous statutes and regulations govern public-private partnerships. Below is a list of a few key examples. Refer to the actual text in the applicable law or regulation for specific language.

- Armament Retooling and Manufacturing Support programs – 10 USC 4551-4555
- Center of Industrial and Technical Excellence – 10 USC 2474
- Cooperative research and development agreements – 15 USC 3710a
- Direct sales – 10 USC 2563, (Outside DOD)
- Direct sales – 10 USC 2208(h) (Support of DOD contracts)
- Direct sales – 10 USC 4543 (Outside DOD)
- Direct sales – 10 USC 4544 (Outside of D)D contracts)
- Enhanced use leasing – 10 USC 2667
- Facility use agreements – 10 USC 2474; FAR Part 45.3 & 45.4
- Subcontracting – 10 USC 2208(j)
- Samples & Test services – 10 USC 2539b (Labs)
- Support of defense exports – 22 USC 2770
- Public-private partnerships for depot-level maintenance – DoDI 4151.21

# HOW TO DO BUSINESS WITH THE ARMY: WHAT IS ARMS?



From left, Terry Tipton, director of business development for a national corporation; Chief Warrant Officer 4 Walner Nelson, human resources advisor to the commanding general, Army Materiel Command (AMC); Rodney Pennywell, a general manager for another corporation; and Chief Warrant Officer 4 Samuel G. Garrett Jr., commanding general's executive communications chief, talk about potential partnerships between the Army and industry at AMC Headquarters on Redstone Arsenal, Ala. (U.S. Army photo by Eben Boothby)

**Armament Retooling and Manufacturing Support (ARMS)** is an opportunity for business growth and expansion using government ammunition industrial facilities and equipment. Contractors are finding innovative ways to attract commercial work to these industrial facilities. Idle capacity and capability available at these facilities for use by the private sector include land, buildings, equipment, utilities, communications, transportation and skilled workers.

Two statutes primarily govern the ARMS program: 10 USC Chapter 434 § 4553 – Armament Retooling and Manufacturing Support Initiative and 10 USC Chapter 434 § 4554 – Property Management Contracts and Leases.

## WHAT IS "ARMS?"

The ARMS Program was authorized by the ARMS Act of 1992 (10 USC Chapter 434) to encourage the commercial and government use of underutilized property at select installations, in order to compensate for reduced production volumes and facility closures that would adversely impact the local economies.

## THE ARMS TEAM

The ARMS program is managed through a cooperative effort between the Program Executive Office Ammunition (PEO Ammo), located at Picatinny Arsenal, New Jersey, and Joint Munitions Command (JMC), located at Rock Island Arsenal, Illinois.

The ARMS program is executed locally by the facility operators at the government owned contractor operated (GOCO) sites for which the ARMS program was created.

## 2016 NATIONAL DEFENSE ACT

The 2016 National Defense Act (25 November 2015, Section 343) effectively extended the maximum lease duration to a total of 50 years.

## 10 USC Chapter 434

### SECTION 4551 – Definitions

This section introduces the legislation and provides basic definitions, which include ARMS initiative, eligible facility, property manager and property management contract.



Sgt. 1st Class Kevin McClatchey conducts a site visit with members of the Department of Public Works at Fort Bragg, N.C., in preparation for a contract award for minor construction. A MICC pilot project related to base operations contracts reduced procurement action lead time from 250 days to approximately 130 days. (Photo by Capt. Steve Voglezon)

## SECTION 4552 – Policy

This section provides information on the purpose and general policies of the legislation. In summary, the purpose is to encourage the use of unused eligible GOCO facilities as a means of promoting domestic manufacturing, creating and maintaining skilled jobs, and helping to lower the facility sustainment costs, thus lowering the cost of ammunition.

## SECTION 4553 – ARMS Support Initiative

This section formally establishes the ARMS initiative, with a purpose that includes 10 distinctively defined elements. It also provides guidance on the availability of facilities, consideration for leases and program administration.

## SECTION 4554 – Contracts & Leasing

This section further defines and clarifies program elements regarding contracts/leases and the types of consideration that may be accepted.

To promote this effort, the Army, under the auspices of the ARMS program, will make available various incentives, such items as: marketing funds; use of land, buildings and equipment; existing state and federal permits; loan guarantees; planning grants and possibly employment incentives. This innovative approach saves tax dollars, benefits large and small and disadvantaged businesses, supports the return of off-shore U.S.

companies and mitigates the economic effects on the local communities.

ARMS can generate jobs and attract investment to these installations. By employing a wide range of facility use techniques, the ability exists to tailor commercial relationships to meet the specific market needs to the private sector client. No other defense reutilization program has shown such promise as a means of promoting economic growth and sustainable development in local communities.

The ARMS program allows the government to retain the title to its land while providing a means for private contractors to market its industrial sites as commercial entities. As a result, the Army's costs of ownership are significantly reduced, in some cases, to zero. The key to ARMS is the recognition that defense industrial facilities have value far beyond military uses. In partnership with the private sector, Army sites are being converted into multi-purpose commercial parks while still being maintained as ready defense assets. As a result, ARMS has emerged as the most successful cooperative-use model in the nation. It is being studied by other military services and the Department of Energy for possible applications to their particular conversion needs.



# U.S. ARMY CONTRACTING COMMAND

**The U.S. Army Contracting Command (ACC), its subordinate organizations and contracting centers enable Army readiness through contracting solutions in support of the Army and unified land operations, anytime, anywhere. As the Army's principal buying agent, ACC ensures Soldiers have what they need to be successful, from food and clothing to bullets and bombs.**

## PRIMARY LOCATIONS

- Headquarters and ACC-Redstone Arsenal – Redstone Arsenal, Alabama
- ACC-Aberdeen Proving Ground – Aberdeen Proving Ground, Maryland
- ACC-New Jersey – Picatinny Arsenal, New Jersey
- ACC-Orlando – Orlando, Florida
- ACC-Rock Island – Rock Island Arsenal, Illinois
- ACC-Detroit Arsenal – Warren, Michigan
- Mission and Installation Contracting Command – Joint Base San Antonio-Fort Sam Houston, Texas

## INTRODUCTION

Headquartered at Redstone Arsenal in Alabama, ACC is a major subordinate command of AMC. ACC has one subordinate one-star command -- Mission and Installation Contracting Command (MICC) to support locations inside the continental U.S. and six major contracting centers that provide support to AMC's life cycle management commands.

As the Army's principal buying agent, ACC supports Army readiness and modernization by utilizing best practices and expert-level oversight to provide warfighters with premier contracting support. The command accomplishes its global operational missions with a professional workforce of Soldiers, Department of the Army Civilians, foreign local nationals and contractors at more than 100 locations worldwide. The sun never sets on ACC.

## CAPABILITIES & MISSION EXECUTION

ACC ensures contracting support to the Soldier as mission requirements emerge and as the Army transforms and operates within the continental U.S. and around the globe.

As an international business enterprise, ACC executes more than 150,000 contract actions each fiscal year, comprising around 70% of the Army's

## CONTRACTING SUPPORT BRIGADES:

- 408th Contracting Support Brigade – Shaw Air Force Base, South Carolina and Camp Arifjan, Kuwait
- 409th Contracting Support Brigade – Sembach Kaserne, Germany
- 410th Contracting Support Brigade – Joint Base San Antonio-Fort Sam Houston, Texas
- 411th Contracting Support Brigade – Camp Humphreys, Korea
- 413th Contracting Support Brigade – Fort Shafter, Hawaii
- 414th Contracting Support Brigade – Vicenza, Italy
- 418th Contracting Support Brigade – Fort Hood, Texas
- 419th Contracting Support Brigade – Fort Bragg, North Carolina

## DIRECT REPORT BATTALION:

- 905th Contracting Battalion – Fort Bragg, North Carolina

## CORE COMPETENCIES

- Contracting
- Acquisition
- Procurement
- Operations
- Foreign Military Sales
- Quality assurance
- Life cycle management



customer base for the MICC includes U.S. Army Futures Command, U.S. Army Forces Command, U.S. Army Training and Doctrine Command, U.S. Army North, U.S. Army Reserve Command and U.S. Army Medical Command. The MICC consists of two field directorate offices, 30 contracting offices and nine battalions.

With a wealth of contracting expertise, ACC professionals are dedicated to providing the highest quality of contracting support to all their customers, whenever and wherever they are needed. A combat multiplier, ACC is doing its part to keep the Army strong.

## HISTORY

While military and Army contracting go back to the early days of the Union, Army Contracting Command was only officially established in 2008 in an effort to help meet the expanding workload being handled by Army contracting personnel during wars in Afghanistan and Iraq.

Even in its brief history, ACC has continually demonstrated its commitment to improving support for the Army, America's allies and those in need of humanitarian support.

## FIND OUT MORE

**U.S. Army Contracting Command**

**4505 Martin Road**

**Redstone Arsenal, AL 35898**

[www.army.mil/acc](http://www.army.mil/acc)

/ArmyContracting

@ArmyContracting

/ArmyContractingCommand

ABOVE: Quality Assurance Specialists assigned to Regional Contracting Office Casey, 727th Contracting Team, conduct a site inspection at the Camp Casey Railhead, which underwent a renovation to provide better service to the 1st Armored Division. (U.S. Army photo)

OPPOSITE PAGE: Contract Specialist Rosalyn Howard with Mission Installation Contracting Command (MICC)-Fort McCoy works at her desk Aug. 22, 2019, at the MICC building at Fort McCoy, Wis. MICC-Fort McCoy supports the garrison as well as the post's tenant organizations with the solicitation and awarding of contracts for supplies, services, and construction. (U.S. Army Photo by Scott T. Sturkol)

# U.S. ARMY MISSION AND INSTALLATION CONTRACTING COMMAND

## LOCATIONS

- Headquarters – Joint Base San Antonio – Fort Sam Houston, Texas
- 418th Contracting Support Brigade – Fort Hood, Texas
- MICC-Dugway Proving Ground – Dugway Proving Ground, Utah
- 919th Contracting Battalion/MICC-Fort Bliss – Fort Bliss, Texas
- 918th Contracting Battalion/MICC-Fort Carson – Fort Carson, Colorado
- 901st Contracting Battalion/MICC-Fort Hood – Fort Hood, Texas
- MICC-Fort Irwin – Fort Irwin, California
- MICC-Fort Polk – Fort Polk, Louisiana
- 923rd Contracting Battalion/MICC-Fort Riley – Fort Riley, Kansas
- 902nd Contracting Battalion/MICC-Joint Base Lewis-McChord – Joint Base Lewis-McChord, Washington
- MICC-Yuma Proving Ground – Yuma Proving Ground, Arizona
- 419th Contracting Support Brigade – Fort Bragg, North Carolina
- 900th Contracting Battalion/MICC-Fort Bragg - Fort Bragg, North Carolina
- MICC-Fort Buchanan - Fort Buchanan, Puerto Rico
- 922nd Contracting Battalion/MICC-Fort Campbell - Fort Campbell, Kentucky
- 925th Contracting Battalion/MICC- Fort Drum - Fort Drum, New York



**The U.S. Army Mission and Installation Contracting Command (MICC)** supports Soldiers and their families in the continental U.S. and Puerto Rico by providing Army commands, installations and activities with disciplined and responsive contracting solutions and oversight.

## INTRODUCTION

The MICC is a one-star command subordinate to ACC. It is made up of about 1,500 military and civilian members who are assigned to two contracting support brigades, two field directorate offices, 30 contracting offices and nine battalions that provide contracting support across the Army.

The MICC supports the warfighter by acquiring equipment, supplies, and services vital to the U.S. Army mission and well-being of Soldiers and their families. The command also supports the Army's contingency and wartime missions by rapidly deploying trained and ready contingency contracting Soldiers and civilians around the world to procure goods and services in austere environments. The command's two brigades are made up of nine contracting battalions to support their respective corps or divisions to which they are aligned.

MICC-contracted services and supplies touch virtually every Soldier in the Army – from facilities support services, commercial and institutional building construction, and administrative and general management consulting services to wired telecommunication and engineering services, contracted food services, and advertising and transition services. The MICC ensures America's Soldiers and their families have what they need throughout the full spectrum of military service.

The MICC's primary supported activities include U.S. Army Forces Command, U.S. Army Training and Doctrine Command, U.S. Army North, U.S. Army Installation Management Command, U.S. Army Test and Evaluation Command, U.S. Army Reserve Command, U.S. Army Military

- MICC- Fort Jackson - Fort Jackson, South Carolina
- MICC- Fort McCoy - Fort McCoy, Wisconsin
- 904th Contracting Battalion/MICC- Fort Stewart - Fort Stewart, Georgia
- Field Directorate Office - Fort Sam Houston - Fort Sam Houston, Texas
- MICC- Fort Belvoir - Fort Belvoir, Virginia
- MICC- Fort Sam Houston - Fort Sam Houston, Texas
- MICC- Fort Knox - Fort Knox, Kentucky
- Field Directorate Office -Fort Eustis - Fort Eustis, Virginia
- MICC-Carlisle Barracks - Carlisle Barracks, Pennsylvania
- MICC-Fort Benning - Fort Benning, Georgia
- MICC-Fort Eustis - Fort Eustis, Virginia
- MICC-Fort Gordon - Fort Gordon, Georgia
- MICC-Fort Leavenworth - Fort Leavenworth, Kansas
- MICC-Fort Lee - Fort Lee, Virginia
- MICC-Fort Leonard Wood - Fort Leonard Wood, Missouri
- MICC-Fort Rucker - Fort Rucker, Alabama
- MICC-Fort Sill - Fort Sill, Oklahoma
- MICC-Presidio of Monterey - Presidio of Monterey, California
- MICC-West Point - West Point, New York

District of Washington, U.S. Army Human Resources Command, U.S. Army Medical Command, XVIII Airborne Corps, III Corps, I Corps, and the United States Military Academy at West Point.

## CAPABILITIES & MISSION EXECUTION

The MICC is charged to be the most efficient and effective contracting organization in order to meet the needs of its customers and military partners.

MICC contracts are vital in feeding more than 200,000 Soldiers every day, providing many daily base operations support services at installations, preparing more than 100,000 conventional force members annually, training more than 500,000 students each year, and maintaining more than 14.4 million acres of land and 170,000 structures.

Contracting Soldiers and civilians from across the command play a vital operational role in support of combatant commanders. MICC Soldiers and civilians have also provided contingency contracting in support of a number of named operations including Operation Enduring Freedom, Operation Freedom's Sentinel, Operation Inherent Resolve and the NATO-led Resolute



Sgt. 1st Class Enes Memic re-assembles an M-17 as part of the Army Contracting Command Best Warrior Competition at Fort Hood, Texas. Memic, an acquisitions, logistics and technology NCO with the 409th Contracting Brigade at Sembach Kaserne, Germany, placed runner-up at the ACC level. (U.S. Army photo by Ben Gonzales)

Support as well as multiple contingencies across the globe.

With a wealth of contracting expertise, MICC professionals are dedicated to providing the highest quality of contracting support to all of their customers, whenever and wherever they are needed. The responsive contracting solutions and oversight provided by the MICC serves as a force multiplier for keeping the Army strong.

## FIND OUT MORE

**U.S. Army Mission and Installation Contracting Command**  
2219 Infantry Post Road, Bldg. 613

**JBSA-Fort Sam Houston, TX 78234-1361**

<https://www.army.mil/micc>

 /army.micc

 /company/army-micc

 /army-micc

 /photos/army\_micc

ABOVE: Civilian and uniformed members of the Mission and Installation Contracting Command work hand in hand to provide contracting support for Army commands and activities. (U.S. Army photo)

## U.S. ARMY CONTRACTING COMMAND- ABERDEEN PROVING GROUND

### LOCATIONS

- Headquarters – Aberdeen Proving Ground, Maryland
- Adelphi Division, Maryland
- Natick Division, Massachusetts
- Research Triangle Park Division, North Carolina
- Belvoir Division, Virginia
- Huachuca Division, Arizona

### CORE COMPETENCIES

- Comprehensive contracting, business advisory support and sustained expertise for:
- Research and Development
- Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance
- Cybersecurity
- Test and Evaluation
- Chemical and Biological Defense
- Soldier Protection



**U.S. Army Contracting Command-Aberdeen Proving Ground (ACC-APG)** provides responsive, efficient, cost-effective and compliant contracts and business solutions to ensure customer mission success in support of national defense and homeland security.

### INTRODUCTION

Headquartered at Aberdeen Proving Ground, ACC-APG provides comprehensive contracting and business advisory support to a diverse customer base. ACC-APG provides sustained expertise in all areas of contracting, including research and development, production and testing, installation and base operations, systems and system support, depot-level maintenance, fielding and sustaining Army weapon systems, Foreign Military Sales, grants, cooperative agreements and other transactions.

These acquisitions consist of a wide range of products and services to include state-of-the-art technology and complex weapon systems. The mission support services provided by ACC-APG are crucial to equip the Soldier with the latest technology, goods and services, on time and at a reasonable cost.

ACC-APG is comprised of 13 contracting divisions with associate directors providing oversight for Soldier, chemical, research and test, and the command, control, communications, computers, intelligence, surveillance and reconnaissance organizational components.

### CAPABILITIES AND MISSION EXECUTION

ACC-APG provides customers with contracting expertise from an employee base of nearly 900 military and civilian contracting professionals. The workforce embodies ACC-APG's vision to be a premier contracting center viewed by its customers as superior, and recognized throughout the Department of Defense as "best in class."

ABOVE: Army Contracting Command-Aberdeen Proving Ground continues to support the Army's modernization efforts by providing expertise in life cycle planning to five of the Army Cross Functional Team, including the Next Generation Ground Vehicle. (Courtesy photo)

### FIND OUT MORE

**ACC-APG**

**6472 Integrity Court**

**APG North, MD 21005**

**[https://acc.army.mil/  
contractingcenters/acc-apg](https://acc.army.mil/contractingcenters/acc-apg)**

## U.S. ARMY CONTRACTING COMMAND- DETROIT ARSENAL

### LOCATIONS

- Headquarters – Detroit Arsenal, Michigan
- Anniston Army Depot, Alabama
- Red River Army Depot, Texas
- Sierra Army Depot, California
- Watervliet Arsenal, New York
- Fort Belvoir, Virginia

Pictured is a M109A7 Self-Propelled Howitzer. (Courtesy photo)



**U.S. Army Contracting Command-Detroit Arsenal (ACC-DTA)** provides global contracting support to Soldiers through the full spectrum of military operations.

### INTRODUCTION

ACC-DTA, aligned and co-located with Tank-automotive and Armaments Command (TACOM), provides comprehensive acquisition, contracting, business advisory, production support and depot-level maintenance services.

The center supports Army readiness by ensuring the best products reach Soldiers when they need them, while providing fair opportunity for industry, including small businesses, and obtaining the best value for the Army and other services.

Major customers for the organization include Program Executive Office (PEO) Ground Combat Systems; PEO Combat Support and Combat Service Support; System of Systems Engineering and Integration Directorate; PEO Soldier; PEO Ammo; Joint PEO for Chemical Biological Defense; Program Manager Light Armored Vehicle; TACOM Integrated Logistics Support Center; Research, Development and Engineering Command; Combat Capabilities Development Command (CCDC) Ground Vehicle System Center (GVSC); TACOM Security Assistance Management Directorate; Army Headquarters services; Army Center of Military History; Center for Army Analysis; and other services for the Marine Corps, the Navy and the Air Force.

### CAPABILITIES AND MISSION EXECUTION

ACC-DTA employs more than 650 associates and manages more than \$38 billion in active contracts. The center supports warfighters by procuring systems, research and development, repair parts and services. This includes, but is not limited to:

- Combat and tactical vehicles/trailers
- Construction and material-handling equipment
- Concept, research and development efforts
- Fuel and water distribution systems
- Armaments, small arms and targetry
- Fire control systems
- Chemical defense equipment
- Logistics and general support
- Global intelligence and linguistics
- Base operations support and depot maintenance
- Public-private partnerships
- Sets, kits, outfits and tools
- Army watercraft systems and fleet maintenance
- Mine Resistant Ambush Protected vehicles
- Bridging

### FIND OUT MORE

**ACC-Detroit Arsenal**

**6501 E. Eleven Mile Road**

**Warren, MI 48397-5000**

**<https://acc.army.mil/contractingcenters/acc-dta>**

# U.S. ARMY CONTRACTING COMMAND-NEW JERSEY

## LOCATIONS

- Headquarters – Picatinny Arsenal, New Jersey
- Joint Base McGuire-Dix-Lakehurst, New Jersey

Sgt. Chantay N. Webster, Capt. Michael D. McDonald and Staff Sgt. Jerome A Bronson, 595th Transportation Brigade, prepare the ammunition for a day of firing M9 pistols at Udairi Range, Kuwait. (U.S. Army photo by Claudia LaMantia)

**U.S. Army Contracting Command-New Jersey (ACC-New Jersey)** plans, directs, controls, manages and executes the full spectrum of contracting, acquisition support and business advisory services in support of major weapons, armaments, ammunition systems, information technology and enterprise systems for the Army and other DOD customers.

## INTRODUCTION

ACC-New Jersey, with locations at Picatinny Arsenal and Joint Base McGuire-Dix-Lakehurst, has a broad customer base with both on-site and globally remote customers. It supports all phases of research and development through initial and follow-on production.

ACC-NJ's major customers include Joint Program Executive Office (JPEO) for Ammunition; PEO Soldier; PEO Enterprise Information Systems; PEO Missile and Space (TEMP); PEO Command, Control and Communications-Tactical; Army Futures Command Combat Capabilities Development Command Armaments Center; the Office of the Secretary of Defense; U.S. Army Reserve; Picatinny Garrison; PEO Intelligence, Electronic Warfare and Sensors; and Department of the Army G-2.

The command utilizes the full spectrum of contract types and contract instruments in support of its customers, with an emphasis on cost and fixed price incentive-type contracts. They also have unique expertise with executing grants, cooperative agreements and other transaction agreements (OTAs). ACC-New Jersey's flexible organization allows for appropriate skill sets to accommodate customer demand.



## CAPABILITIES & MISSION EXECUTION

ACC-New Jersey's expertise in executing and managing OTAs in support of Army and DOD requirements has earned it the designation as the Army's Center of Excellence for OTAs.

Of the organization's 337 civilian associates, approximately 95% have a bachelor's degree, 37% have completed postgraduate degrees and 98% are Defense Acquisition Workforce Improvement Act certified.

## FIND OUT MORE

**ACC-NJ**

**Building 1610**

**Picatinny Arsenal, NJ 07806**

<https://acc.army.mil/contractingcenters/acc-nj>

# U.S. ARMY CONTRACTING COMMAND-ORLANDO

## LOCATION

- Orlando, Florida



Terry Gotter and Mona Neal review program management review data. (U.S. Army photo by Ed Worley)

**U.S. Army Contracting Command-Orlando (ACC-Orlando)** provides sound business advice and tailored contracting solutions to acquire products and services in support of the warfighter and its stakeholders.

## INTRODUCTION

ACC-Orlando is a \$2 billion acquisition agency and Training Contracting Center of Excellence. It focuses on customer satisfaction and promotes innovative and flexible business practices, such as calculated risk-taking, empowerment and partnering with industry.

ACC-Orlando also emphasizes diversity in the workforce and professional development. The organization consists of both government civilians and military personnel. It is an integral member of Team Orlando, which consists of military, industry and academia working together in the area of training and simulation.

ACC-Orlando's acquisition support consists of procuring a wide range of training testing products and services to include non-system and system training aids, devices, simulators and simulations (TADSS); operations, maintenance and service support for non-system and system TADSS, test range instrumentation, ground and aerial targets; and services and threat systems for the Army.

## CAPABILITIES AND MISSION EXECUTION

As the Training Contracting Center of Excellence, ACC-Orlando is comprised of four contracting divisions

and a supporting staff of personnel support, policy, cost and price, systems, business operations, property accountability, quality assurance and a source selection center of excellence.

The contracting support services provided by ACC-Orlando are crucial for outfitting Soldiers with the latest live, virtual, constructive and gaming training, simulation and instrumentation, and goods and services. ACC-Orlando, on average, awards more than 2,300 actions with an obligation value of more than \$2 billion annually.

Approximately 16% of the organization's annual contract obligations are awarded to small business firms.

ACC-Orlando's world class workforce is Defense Acquisition Workforce Improvement Act certified at the appropriate levels.

Known for their communication with industry initiatives, ACC-Orlando hosts monthly Procurement Administrative Lead Time (PALT) Industry Days that serve the contracting community, requiring activities and industry partners alike. Additional information regarding ACC-Orlando best practice is available on the Federal Business Opportunities website at:

[https:// www.fbo.gov](https://www.fbo.gov).

## FIND OUT MORE

**ACC-Orlando**

**12211 Science Drive**

**Orlando, FL 32826-3224**

[https:// www.acc.army.mil/contracting-centers/acc-ori](https://www.acc.army.mil/contracting-centers/acc-ori)

# U.S. ARMY CONTRACTING COMMAND-REDSTONE

## LOCATIONS

- Headquarters – Redstone Arsenal, Alabama
- Corpus Christi Army Depot, Texas
- Joint Base Langley-Eustis, Virginia
- Letterkenny Army Depot, Pennsylvania
- Peterson Air Force Base, Colorado



Helicopters from 1st Battalion, 3rd Aviation Regiment, 12th Combat Aviation Brigade, depart Katterbach Army Airfield, Germany, inbound for Cincu Training Area, Romania, for Exercise Noble Jump. (U.S. Army photo by Capt. Jaymon Bell)

## INTRODUCTION

### U.S. Army Contracting Command-Redstone

**(ACC-RSA)** provides support to AMC; Aviation and Missile Command; Program Executive Office (PEO) Missiles and Space; PEO Aviation; Combat Capability Development Command, Aviation and Missiles Center; Redstone Arsenal-Garrison; the Test, Measurement, and Diagnostic Equipment Activity; and Space and Missile Defense Command.

ACC-RSA also provides contracting support to several other program executive offices and program managers

supporting the Army's major acquisition programs. The organization's civilians and Soldiers support warfighters worldwide by contracting for research and development, major weapon systems production, sub-systems and services vital to Soldier readiness.

From helicopters to missiles, systems engineering and technical assistance, research and development to technology and engineering, ACC-RSA ensures Soldiers have what they need to be successful. Other areas of contracting support include Foreign Military Sales, contingency, range and operational support, in addition to concept development, prototyping and limited production capability.

## CAPABILITIES & MISSION EXECUTION

ACC-RSA offers the contracting expertise of some of the best-trained people in the Army, ready to support the Soldier while ensuring responsible stewardship of taxpayers' funds. The organization's team of more than 850 military and civilian personnel ensure contracting support to the warfighter as mission requirements emerge, and as the Army transforms and moves within the continental U.S. and around the globe.

## FIND OUT MORE

**ACC-RSA**

**Building 5303**

**Redstone Arsenal, AL 35898**

<https://acc.army.mil/contractingcenters/acc-rsa>



Soldiers from the 2nd Armored Brigade Combat Team, 1st Cavalry Division, conduct sling load operations with a CH-47 Chinook from the 1st Air Cavalry Brigade. Sling load operations streamline logistics by quickly moving heavy equipment across the battlefield. (U.S. Army photo by Maj. Carson Petry)

# U.S. ARMY CONTRACTING COMMAND-ROCK ISLAND

Army Contracting Command Rock Island provides full-spectrum contracting support for a wide variety of services and supplies, including satellite communications. (U.S. Army photo by Liz Glenn)

**Army Contracting Command-Rock Island (ACC-RI)** provides optimal worldwide procurement support to Soldiers, civilians and contractors from a historic island in the middle of the Mississippi River.



## INTRODUCTION

ACC-RI supports the readiness of the nation's service members by employing fiscally sound, innovative acquisition techniques. ACC-RI's award-winning support starts at home. It acquires the logistics and maintenance services that keep the Rock Island Arsenal Garrison running smoothly.

ACC-RI's impact extends far beyond the installation's gates with a global reach.

Since ACC-RI stood up in 2008, several civilian employees have voluntarily deployed to take overseas assignments in support of ongoing operations. Its field support employees frequently travel overseas to meet with customers face-to-face to provide optimal acquisition support.

The acquisition professionals working in the center's three buying directorates handle the requirements associated with the munitions and industrial base, information technology, or field support – including support to Southwest Asia, Europe and Africa.

## CAPABILITIES AND MISSION EXECUTION

ACC-RI provides full-spectrum contracting expertise and acquisition support to a diverse set of customers, including more than 25 major customers, such as:

- U.S. Army Sustainment Command
- U.S. Army Central

- Joint Munitions and Lethality Life Cycle Management Command
- Joint Manufacturing and Technology Center-Rock Island Arsenal
- Joint Program Executive Office Armaments & Ammunition
- Program Executive Office-Assembled Chemical Weapons Alternatives
- Program Executive Office-Enterprise Information Systems
- Chief Information Officer of the Army
- Installation Management Command
- Office of the Program Manager-Saudi Arabian National Guard (OPM-SANG)

ACC-RI's workforce, comprised of more than 520 contracting professionals at more than eight locations, applies innovative approaches to ever-evolving acquisition requirements. Informed and well-trained government representatives work to meet the requirements of the center's varied customer base, while negotiating fairly with industry to get the most effective contracting solutions in place for the U.S. military.

## FIND OUT MORE

**ACC-Rock Island**

**3055 Rodman Avenue**

**Rock Island, IL 61299-8000**

[https://acc.army.mil/contractingcenters/acc\\_ri](https://acc.army.mil/contractingcenters/acc_ri)



# U.S. ARMY AVIATION AND MISSILE COMMAND

**The U.S. Army Aviation and Missile Command (AMCOM) delivers responsive aviation, missile and calibration materiel readiness to the Army to optimize joint warfighter capabilities at the point of need.**

#### LOCATIONS

- Headquarters – Redstone Arsenal, Alabama
- Corpus Christi Army Depot – Corpus Christi, Texas
- Letterkenny Army Depot – Chambersburg, Pennsylvania
- Aviation Center Logistics Command – Fort Rucker, Alabama

#### FIND OUT MORE

**U.S. Army Aviation and Missile Command**

**5300 Martin Road**

**Redstone Arsenal, AL 35898-5000**

<https://www.amcom.army.mil/>

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[/USARMYAMCOM](#)

#### INTRODUCTION

The command works to overcome the challenges of an ever-changing strategic environment to ensure the Army and the joint force have the best aviation and missile equipment, services and subject-matter expertise available. This allows operational commanders to achieve their objectives while AMCOM maintains its posture to deliver materiel readiness to the total force.

As a life cycle management command, AMCOM is dedicated to materiel readiness by integrating its capabilities into the sustainment and acquisition processes to support the product life cycle management efforts of more than 20 aviation and missile program managers. AMCOM partners with program managers, Program Executive Offices, U.S. Army Futures Command subordinate elements, Army Contracting Command-Redstone and the Defense Logistics Agency to ensure sustainment support is optimized and operationally effective for the warfighter.

AMCOM's vision is "Mission First, People Always" – enabling synchronized aviation, missile and calibration materiel enterprises, providing unmatched capability for the Army and the nation. The command's 7,800 Soldiers and Department of the Army Civilians, as well as 8,000 contract employees, perform a wide variety of missions in support of the nation's aviation and missile warfighters. AMCOM has a presence in 59 different U.S. locations, including two depots and five fleet management expansion sites. Together with AMCOM's Aviation Center Logistics Command, the organization supports 25 overseas locations in nine countries.



The Indirect Fire Protection Capability Inc 2-I Multi Mission Launcher launches a Longbow Hellfire missile against a Unmanned Aerial Systems representative target on White Sands Missile Range, N.M. (U.S. Army photo by Drew Hamilton)

#### CAPABILITIES AND MISSION EXECUTION

AMCOM's core competencies include:

- Aviation and missile sustainment
- Lifecycle acquisition support
- Aviation and missile organic industrial capabilities
- Aviation and missile security assistance
- Test Measurement and Diagnostic Equipment calibration
- Repair aviation and fires Fleet Management Expansion (FMX) support

AMCOM operates two Army depots: Corpus Christi Army Depot (CCAD) in Texas, and Letterkenny Army Depot (LEAD) in Pennsylvania. CCAD supports the repair and overhaul of aircraft and aviation systems and LEAD provides the same support to air defense and tactical missile ground support equipment. The Secretary of the Army has designated both depots as Centers of Industrial and Technical Excellence.

The command supplies experienced field-level systems experts to serve as Logistics Assistance Representatives (LARs) to Army units, to include support while operating in forward-deployed locations. LARs provide subject matter expertise to Army units for weapons systems training, maintenance, logistics and supply operations to enable warfighter readiness.

In addition, the Aviation Center Logistics Command (ACLC) provides supply and maintenance support to the Army's aviation training fleet at Fort Rucker, Alabama. ACLC ensures the Army's training fleet is operationally ready for flight training missions, with a team of Soldiers and civilian employees who supervise the performance of

more than 3,500 contractor mechanics, supply specialists and pilots. ACLC also oversees six Fleet Management Expansion, (FMX) sites. Each team provides maintenance and logistical support for U.S. Army Training and Doctrine Command units across the Army. One of ACLC's largest FMX sites is based at Fort Sill, Oklahoma, supporting the Fires Center of Excellence by ensuring the training equipment is functional, safe and reliable.

AMCOM Logistics Center delivers life cycle logistics support through acquisition logistics, sustainment logistics, industrial operations and field maintenance to ensure sustainable materiel readiness for Army aviation and missile systems.

AMCOM's U.S. Army Test Measurement and Diagnostic Equipment Activity (USATA) manages the Army's metrology and calibration program, which ensures that Army weapons systems remain lethal and operationally effective for global missions.

The Security Assistance Management Directorate (SAMD) executes a multibillion-dollar security assistance mission that provides U.S. aviation, missile and air defense capabilities to allies and partner nations, building critical partner capacity and supporting combined operations.

#### HISTORY

AMCOM traces its history to the early days of missile development at Redstone Arsenal in 1955, and the nucleus of its organizations produced the experienced teams that became NASA's Marshall Space Flight Center, the Army Space and Missile Defense Command, and the Defense Intelligence Agency's Missile and Space Intelligence Center. AMCOM was officially formed Oct. 1, 1997, by merging the Aviation and Troop Support Command with the Missile Command, and proudly continues the tradition of excellence that was the cornerstone of its predecessor organizations.

In 2004, AMCOM's mission transformed to a life cycle sustainment focus with the inception of the AMCOM Life Cycle Management Command (LCMC). This change created an integrated organization with a single commander invested with responsibility for the lifecycle sustainment of the Army's aviation and airworthiness authority.

AMCOM continues to provide superior sustainment support to the current force, while evolving and rapidly transforming its capabilities in support of legacy and modernized systems.

ABOVE: U.S. Army AH-64 Apache helicopter, assigned to 25th Combat Aviation Brigade, 25th Infantry Division, flies in formation during a Division Run while participating in Tropic Lightning Week on Schofield Barracks, Hawaii. (U.S. Army photo by 1st Lt. Ryan DeBooy)

# AVIATION CENTER LOGISTICS COMMAND

## LOCATIONS

- Headquarters – Fort Rucker, Alabama
- Fort Benning, Georgia
- Fort Eustis, Virginia
- Fort Sill, Oklahoma
- Fort Huachuca, Arizona



AH-64 helicopters fly in formation during an exercise. AMCOM develops and delivers readiness to Soldiers and joint warfighters around the globe. AMCOM and the units under its operational control ensure that Army Aviation and Missile capabilities – which support nearly every Army operation across the globe – are available to meet the combatant commander's requirements, wherever and whenever needed. (U.S. Army photo by Sgt. Daniel K. Johnson)

The Aviation Center Logistics Command (ACLCL) is AMCOM's headquarters for Fleet Management Expansion (FMX). The ACLCL provides full-spectrum maintenance and logistical operations, as well as contractor oversight to provide safe, reliable equipment to meet the U.S. Army Training and Doctrine Command's (TRADOC) training requirements in support of aviation, field artillery and air defense artillery training objectives.

## INTRODUCTION

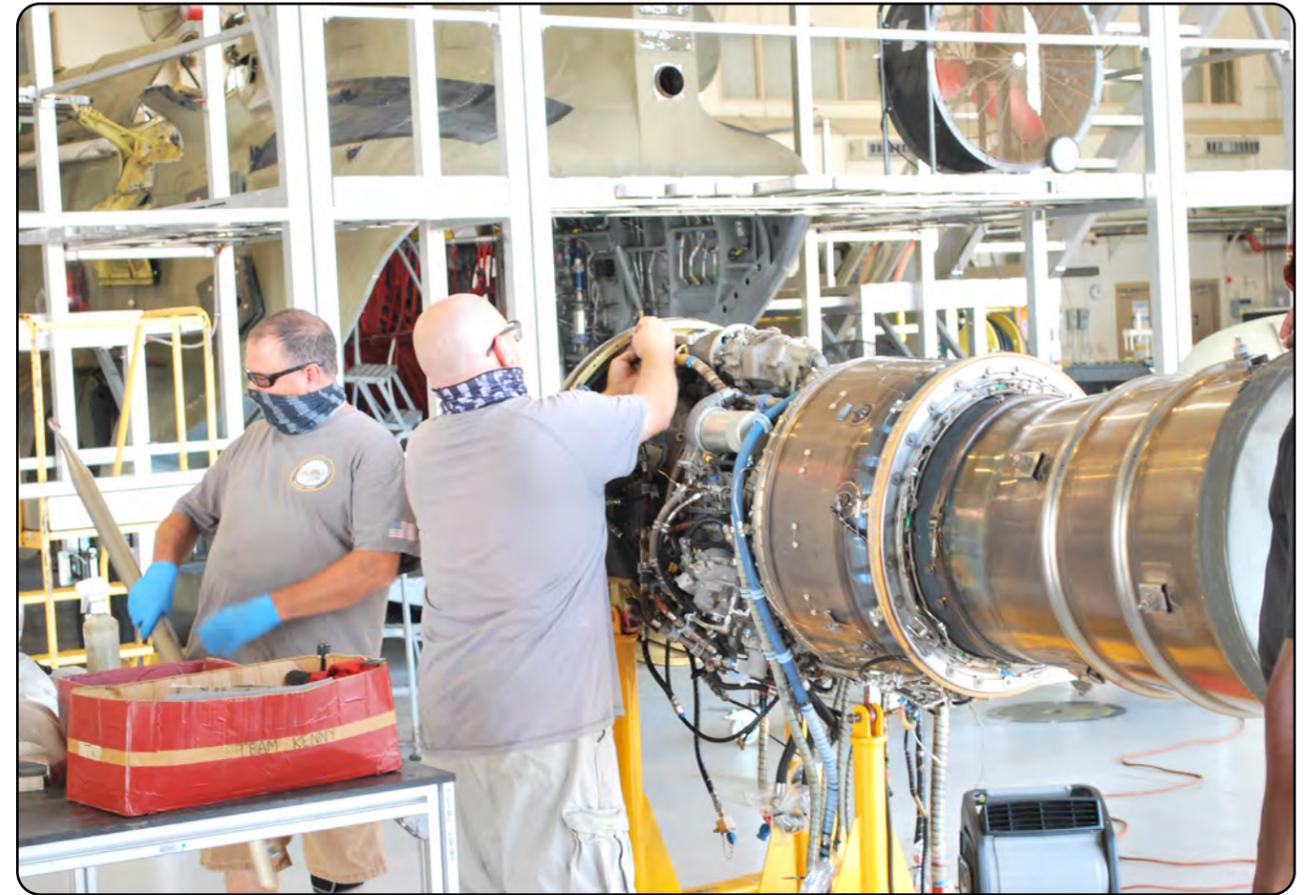
Since 1955, the government has relied on what is known today as the ACLCL. to ensure the Army's fleet of helicopters is always ready to complete the U.S. Army Aviation Center of Excellence training mission. This mission is essential with more than 600 helicopters in four distinctly different missions, design and series aircraft. In 2003, the ACLCL was charged with the mission of testing a support concept - under the Fleet Management Initiative (FMI). This was the initial study between TRADOC and AMC to leverage the core competency of AMC in sustaining equipment while allowing TRADOC to focus solely on training the force. In 2006, FMI was approved and transitioned to FMX. All of the TRADOC training centers were added to

the program at this point. In 2018, the ACLCL's FMX responsibilities were expanded to include artillery and air defense artillery systems at Fort Sill, Oklahoma and the Unmanned Aerial Systems (UAS) at Fort Huachuca, Arizona.

Today, approximately 300 Department of Army civilians and more than 80 Soldiers provide maintenance, logistical and contract surveillance support that enables TRADOC to train more than 62,800 Soldiers in initial entry and additional specialty skills annually.

## CAPABILITIES AND MISSION EXECUTION

An average of 2,900 aviators attend the aviation training programs at Fort Rucker each year, which equates to about 25% of all Army aviation flight time. The ACLCL's uniquely skilled workforce supports more than 500 daily helicopter training missions from six airfields (five at Fort Rucker, Alabama, and one at Fort Benning, Georgia), supporting 72 remote training sites, 17 stage fields and one aircraft firing range. The government team supports more than 220,000 flight hours each year. At Fort Huachuca, approximately 540 Soldiers are trained in UAS flight operations on 13 Shadow flight trainers and 18 Shadow equipment trainers. UAS students fly



ABOVE: M1Support Services maintenance employees perform maintenance on a T-55 Chinook engine. (U.S. Army photo)

BELOW: A M1Support Services employee performs maintenance on an AH-64E fire detection system. (U.S. Army photo)

approximately 4,500 hours annually.

The ACLCL oversees the logistical support provided by a \$5 billion, 10-year aviation maintenance services contract at Fort Rucker, a \$7 million aviation support contract at Fort Benning, and a multi-million dollar UAS maintenance support contract at Fort Huachuca.

At Fort Sill, the ACLCL provides operator and direct support maintenance for Patriot systems, Avengers, THAAD, C-RAMs, Howitzers, Multiple Launch Rocket Systems and RADAR systems that are used to support 86 courses for approximately 15,055 basic training Soldiers and 38,500 advanced individual training Soldiers annually.

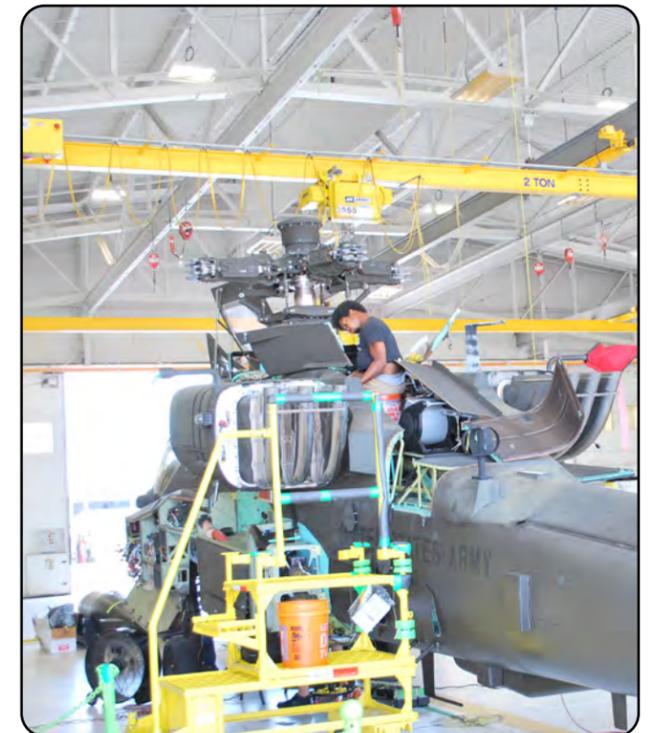
## FIND OUT MORE

USAACE and Fort Rucker

Bldg. 131

Fort Rucker, AL 36362

<https://www.rucker.army.mil/tenants/aclcl/>



# CORPUS CHRISTI ARMY DEPOT

## LOCATION

- Naval Air Station Corpus Christi, – Corpus Christi, Texas

## CORE COMPETENCIES

- Provides the nation the best value for modification, repair and overhaul of rotary-wing components and aircraft to support strategic readiness of the Army. On order, CCAD is responsible for the repair of forward-deployed aircraft and components worldwide.
- Overhaul and repair helicopters and components for the Army, Air Force, Navy, Marine Corps, Department of Homeland Security, and Department of State through Foreign Military Sales.
- Maintain a wide range of component test facilities to repair various systems, equipment and instruments.



Through an academic partnership to develop a virtual model (digital twin,) this UH-60L Black Hawk helicopter began its 800-mile journey to Wichita State University. (U.S. Army photo by Ervey Martinez)

## FIND OUT MORE

Corpus Christi Army Depot

308 Crecy St. (Mail Stop 2)

Corpus Christi, TX 78419

<http://www.ccad.army.mil>

[f /CorpusChristiArmyDepot](#)

[@CCADPAO](#)

[in /company/the-corpus-christi-army-depot](#)

[/CCArmyDepot1](#)

[/photos/ccarmydepot](#)

## INTRODUCTION

**Corpus Christi Army Depot (CCAD)** is the premier rotary-wing repair facility in the world, operating as the Army's industrial leader and preferred business solution for quality aviation support. When helicopters first transformed combat operations during the Vietnam War, the Army turned to CCAD to sustain its vital rotary-wing capabilities.

The depot excels by delivering essential aviation maintenance support through a number of competitive repair and overhaul programs that ensure optimal performance on all service helicopters, engines and components throughout their lifecycle. Depot civilians take aging aircraft and transform them into upgraded, fully modernized helicopters with enhanced capabilities and cutting-edge technologies to increase battlefield performance.

Joint warfighters not only depend on CCAD to get them to the fight but to also get them home. That is why the depot is committed to excellence. Every aircraft and component that leaves CCAD meets or surpasses the rigorous standards of aviation safety and quality.

CCAD's value extends beyond the Army's organic industrial base (OIB) to include all branches of the Department of Defense, as well as governments and agencies throughout the nation and all over the world. Although the depot is a federal government organization, CCAD thrives within a competitive industrial environment to provide world-class equipment and logistics.



Michael Nsoh, an Electronic Integrated Aircraft Mechanic at the Corpus Christi Army Depot, is cleaning the pilot circuit breaker panel in the first UH-60L aircraft (8BZ32) to be painted using 100% class N (non-chromate) primers on the interiors and exteriors. (U.S. Army photo by Ervey Martinez)

With every helicopter, program and project it earns, CCAD incorporates better business practices and continuous process improvements to make Army readiness more responsive and sustainable in an evolving operational environment. Modernized enterprise resource planning software provides analysts the tools and data needed to maximize and maintain the best value and quality support customers expect from the Army's OIB. CCAD forecasts future needs and ensures customer satisfaction, while posturing for years of continued service to the joint warfighter and the American people.

## CAPABILITIES AND MISSION EXECUTION

The nation's defense environment is becoming increasingly complex as it responds to a growing number of multi-domain operations. DOD faces emerging threats from near-peer adversaries using advanced technology, upgraded weapon systems and intelligence operations on the battlefield and online.

As the Army strives to meet demands and budgets, CCAD's mission to retain the edge in combat and sustain Army aviation remains critical. CCAD's fiscal year 2020 total workload was \$1.4 billion, with new fiscal year orders valued at \$799.1 million.

The team of 3,200 Soldiers, civilians and contractors at CCAD invests in the skills needed for the Army's current and future of defense by harnessing new technology, processes and equipment to increase force readiness and operational effectiveness.

CCAD features state-of-the-art facilities and equipment that support a wide range of weapon systems and supporting components. The depot maintains component test facilities necessary to overhaul/repair mechanical,

electrical and hydraulic components, instruments, rotor blades, rotor heads, transmissions, gearboxes and turbo-shaft engines.

CCAD maintains in-house equipment maintenance repair and manufacturing capabilities. The depot also maintains more than 7,000 pieces of production equipment utilized to support programs such as the AH-64 Apache and UH-60 Blackhawk defense systems.

### Capabilities at a glance include:

- DOD Level II Bearing Facility
- Flexible Smart Transmission Test System
- Hot and Cold Metal Spray
- Pneumatic Hydraulics
- Aircraft Flight Test
- Automated Test Cells
- Dynamic Blade Testing and Balancing
- Laboratory Capabilities and Analysis
- Painting/Corrosion Prevention
- Non-Destructive Inspection Testing
- Spectrographic Analysis/X-Ray
- Process Engineering and Design
- Advance Composites Fabrication Repair
- Tool and Die Manufacturing
- Shot Peening
- Fluid Cell Press
- Engine and Component Preservation
- Coatings: Plating, Thermal Spray and Special Methods

# LETTERKENNY ARMY DEPOT

## LOCATION

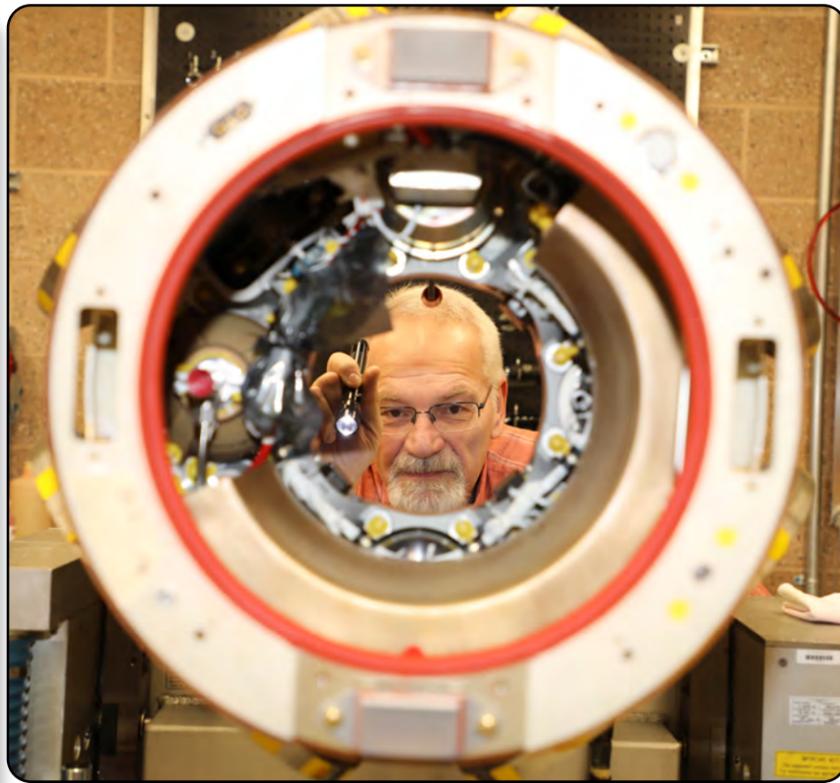
- Chambersburg, Pennsylvania

## CORE COMPETENCIES

- Refurbishment and maintenance support for Tactical Missile Air Defense Systems
- Rebuild, repair and modifications for ground mobility vehicles and other specialized vehicles and equipment
- Overhaul and repair of power-generation equipment and mobile repair teams for on-site maintenance assistance

## Four Center of Industrial and Technical Excellence designations:

- Air Defense and Tactical Missile Ground Support Equipment
- Mobile Electric Power Generation Equipment
- Route Clearance Vehicles
- Phased Array Tracking Radar Intercept of Target (PATRIOT) Missile Recertification



**Letterkenny Army Depot (LEAD)** is a Center of Industrial and Technical Excellence (CITE) for air defense, tactical missile ground support equipment and mobile electric power generation equipment, delivering manufacturing, logistics life cycle support and service worldwide to the joint warfighter and international partners. LEAD is dedicated to continuous improvement of the Army's organic industrial base and is a champion of emerging technologies that support air and missile defense systems integration and materiel readiness.

## INTRODUCTION

LEAD, a subordinate of AMCOM, is a capabilities-based depot. Its south central Pennsylvania location provides easy accessibility to both air and rail transportation, as well as major interstate routes. The installation is home to Patriot missile maintenance. Other supported systems include High-Mobility Artillery Rocket Systems (HIMARS), Sentinel, Terminal High Altitude Area Defense, Avenger, Multiple Launch Rocket System (MLRS), Advanced Fire Control System, Hellfire/Longbow and Javelin, and Tube-launched Optically tracked Wire-guided (TOW) missile.

LEAD provides the overhaul and repair of power-generation equipment and mobile repair teams for on-site maintenance assistance. The depot is situated on more than 18,600 acres with a large portion of its land used to conduct storage and demilitarization operations on tactical missiles and ammunition. It has more than 1.4 million square feet of shop floor space and a 28-acre, state-of-the-art radar test facility.

## CAPABILITIES AND MISSION EXECUTION

LEAD manages and directs the administrative and operational control of Theater Readiness Monitoring facilities and Patriot missile facilities engaged in assessing the readiness and recertification of Patriot missiles deployed by the Army, NATO and select Foreign Military Sales customers. Highly skilled electronic integrated systems mechanics provide on-site support and repair services for the Soldiers deployed globally.

The depot is focused on Soldier support missions. From the intricate electronic components of battle management command, control, communications, computers and intelligence, de-canning and canning of missiles, nine-layer circuit card refurbishment, customization and testing of wheeled vehicles, rebuild of power generators and reverse engineering of one-of-a-kind components, the depot is recognized as a "one-stop shop" and "depot of choice" for critical Army systems.

LEAD repairs the Patriot radar set antenna array backplane and aligns it to the electrical bore site. The depot can refurbish, fabricate, modify, diagnose and repair, as well as provide system integration, test and validation to technical data pack specifications.

The workforce installs configuration updates through the application of maintenance work orders and engineering change proposals. These refurbishment methods include system overhaul, recapitalization and reset of ground support equipment. The depot recapitalizes Patriot systems to refresh and extend weapon system life cycle and offers fly-away modification installation teams that field enhanced weapon system capabilities directly to the warfighter.

The depot has emergency technical and maintenance assistance response teams to mitigate non-mission capable systems in the continental U.S. and overseas. Depot maintenance plant equipment, necessary to test to technical data package specifications in simulated track, electronic counter measure and temperature environments, is available.

LEAD produces for AMC major subordinate commands, including AMCOM, U.S. Army Tank-automotive and Armaments Command and the U.S. Army Communications-Electronics Command. Products include: Patriot, Hellfire/Longbow and Javelin, Avenger, HIMARS, Sentinel, MLRS, TOW, ground-mobility vehicles, material-handling equipment, construction equipment, shelters, power generators and Soldier-support equipment.

LEAD's capabilities are:

- Electronic Systems Integration
- Missile maintenance
- Radar test site with thermal chamber
- Antenna array radar pattern testing
- Ground support (vehicle, equipment and mechanical support)
- Hydraulics
- Cable/harness (aircraft certified)
- Wiring harness fabrication and repair
- Fiber optic cables
- Diagnostic testing
- Non-destructive testing
- Precision measurement
- Engineering services
- Sheet metal fabrication
- Computer Numeric Control Machining
- J-STD-001 Soldering
- 13+ weld certification

Specific capabilities, services and equipment related to BMC4I are available at LEAD, including:

- Patriot missile major end items
- Patriot missile test site
- Missile maintenance operations
- Circuit card testing and repair
- Power generators
- Ground support (vehicle, equipment and mechanical support)
- Technical publications/Engineering design
- Cold spray
- 3D printing
- Rain tunnel

Letterkenny Army Depot's employees work to ensure that the overhaul and repair of power-generation equipment is done at reduced cost, with superior quality and ahead of schedule, to fully support warfighters and their missions. (U.S. Army photo by Pam Goodhart)

## FIND OUT MORE

### Public Affairs Office

### Letterkenny Army Depot

1 Overcash Avenue

Chambersburg, PA 17201-4150

[www.letterkenny.army.mil](http://www.letterkenny.army.mil)

[usarmy.letterkenny.usamc.list](mailto:usarmy.letterkenny.usamc.list)

[public-affairs-office@mail.mil](mailto:public-affairs-office@mail.mil)

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# U.S. ARMY SUSTAINMENT COMMAND

**U.S. Army Sustainment Command (ASC) synchronizes and integrates key elements of the sustainment enterprise to deliver ready forces, enable strategic power projection and sustain operational reach to win during large scale combat and multi-domain operations.**

#### PRIMARY LOCATIONS

- Headquarters Rock Island Arsenal, Illinois
- 401st Army Field Support Brigade: Camp Arifjan, Kuwait
- 402nd Army Field Support Brigade: Fort Shafter, Hawaii
- 403rd Army Field Support Brigade: Camp Henry, Korea
- 404th Army Field Support Brigade: Joint Base Lewis-McChord, Washington
- 405th Army Field Support Brigade: Kaiserslautern, Germany
- 406th Army Field Support Brigade: Fort Bragg, North Carolina
- 407th Army Field Support Brigade: Fort Hood, Texas

#### INTRODUCTION

ASC, headquartered at Rock Island Arsenal, Illinois, bridges the national sustainment base to Soldiers in the field, bringing together the capabilities of AMC's subordinate units to provide the Soldier with the right equipment, at the right place and the right time, in the right condition. ASC is AMC's operational arm to support global Army logistics.

The command has visibility of Army equipment and can provide prompt delivery to combat units in the U.S. and abroad. ASC is the "face to the field" for maintenance and logistics solutions. The forward presence of ASC is organized around Army Field Support Brigades (AFSBs), Army Field Support Battalions (AFSBNs) and more than 70 Logistics Readiness Centers (LRCs)/AFSBNs, including sub sites with a presence in 32 states and more than 20 countries.

As the executing arm of AMC's equipping mission, ASC brings together all of AMC's capabilities to make sure Soldiers have what they need, when the need it, based on the Sustainable Readiness Model. ASC provides materiel management of major end items such as tanks, mine-resistant ambush-protected vehicles and Strykers, and sustains, maintains and modernizes them for combat brigades. In addition to supporting combat operations, ASC provides support for natural disasters and humanitarian crises.

#### CORE COMPETENCIES

- Seven Army Field Support Brigades
  - Army Field Support Battalions
  - Logistics Support Teams
- 78 Logistics Readiness Centers
  - Locations worldwide that provide installation supply, maintenance and transportation services
- Logistics Civil Augmentation Program
  - Global augmentation capability supporting DOD, federal agencies, NATO and coalition partners
- Seven Army Prepositioned Stock Sets
  - Rapidly generate combat power in support of Combatant Commanders
- Lead Materiel Integrator
  - Materiel management approach designed to effectively and efficiently distribute and redistribute materiel to support the generation of trained and ready forces
- Logistics Assistance Program
  - Global materiel management and distribution across the Army

#### CAPABILITIES AND MISSION EXECUTION

ASC supports combatant command operations by sustaining and supporting joint forces, supporting rotational forces and augmenting theater combat support service capabilities. Through the Logistics Assistance Program, civilian employees from AMC's life cycle management commands provide a unique capability to combat brigades throughout the Army, working with and training Soldiers to repair and maintain major items at the field level.

ASC is involved in the retrograde of excess equipment from combat areas to support Army requirements. AFSBs receive equipment no longer required in the field, maintain accountability for it, reallocate it based on condition and Army requirements, and arrange for shipment to its destination. This mission is vital to Army readiness since the equipment can be reset as needed and used to fill unit shortages, as well as Foreign Military Sales and ongoing combat operations.

The Logistics Civil Augmentation Program (LOGCAP) provides support services to deployed Soldiers, joint forces, non-military federal agencies and coalition forces in locations throughout the world. LOGCAP provides basic life services to the troops, builds base camps and takes them down as required. In addition to combat operations, LOGCAP maintains plans to support humanitarian contingencies when needed.

ASC provides the Army strategic depth and flexibility by supporting Army forces at home station, ensuring



materiel readiness, maintaining Army Prepositioned Stocks (APS) and operational stocks, and maintaining power projection capabilities. ASC has full mission command of LRCs, which provide the command with a daily, visible impact on every Soldier at his/her home station. The LRCs manage materiel and support services to Army units, performing tasks such as ammunition management, equipment maintenance, hazardous materials, operations, laundry and dry cleaning, central issue facilities, bulk fuel, property book, personal property, transportation, food service and demand supported supply.

ASC's APS program stores materiel on land and aboard ships at sea for combat and humanitarian contingencies. APS warehouses store major items, repair parts and life support materiel giving the Army the flexibility to go anywhere, at any time, with the logistics support needed to get the job done.

To meet the demands of tomorrow, ASC will continue to adjust its focus to home station while maintaining global capabilities for the Army and joint forces, and shape Army logistics in support of the Army today and beyond.

#### FIND OUT MORE

**1 Rock Island Arsenal**

**Bldg. 390, Basement NE**

**Rock Island, IL 61299-5000**

**usarmy.RIA.asc.list.pa@mail.mil**

**www.aschq.army.mil/home**

**f /ArmySustainmentCommand**

**yt /ascpaohq**

**ig /photos/army\_sustainment\_command**

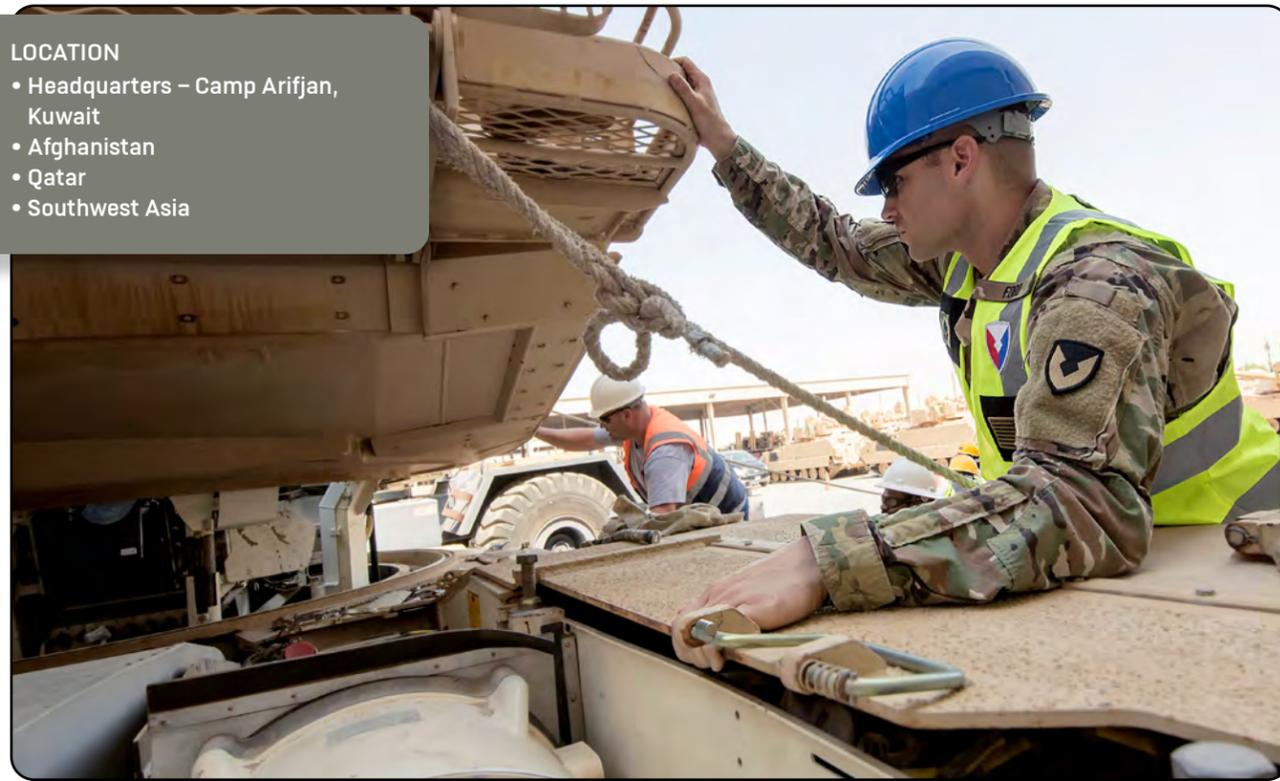
ABOVE: Sgt. 1st Class Robert Ford (right), maintenance quality assurance for tanks, 401st Army Field Support Battalion-Kuwait, and Master Sgt. Chad Hoffman, maintenance management, 401st AFSBN-Kuwait, check the service schedule of a M1A2 Abrams Tank to verify contractors' work at Army Prepositioned Stocks-5, Camp Arifjan, Kuwait. Ford said it's important to provide continued maintenance on tanks as they sit in storage to avoid degradation. (U.S. Army photo by Kevin Fleming)

OPPOSITE PAGE: Sgt. Brittany Deturo, weapons quality assurance, 401st Army Field Support Battalion-Kuwait, disassembles an M2 .50-caliber machine gun in the weapons maintenance facility of Army Prepositioned Stocks-5, Aug. 17, Camp Arifjan, Kuwait. Deturo is a member of the 776 Support Maintenance Company of the Tennessee National Guard. (U.S. Army photo by Kevin Fleming)

# 401<sup>ST</sup> ARMY FIELD SUPPORT BRIGADE

## LOCATION

- Headquarters – Camp Arifjan, Kuwait
- Afghanistan
- Qatar
- Southwest Asia



Sgt. 1st Class Robert Ford, quality assurance for tanks, 401st Army Field Support Battalion-Kuwait, provides another set of eyes for a maintenance operation to place a turret back on an Abrams M1A2 tank at Army Prepositioned Stocks-5, Camp Arifjan, Kuwait. (U.S. Army Photo by Kevin Fleming)

The 401st Army Field Support Brigade (AFSB) executes sustainment, property accountability and retrograde, maintains Army Prepositioned Stock (APS) and manages the Logistics Civil Augmentation Program (LOGCAP) in support of Army, joint and multinational forces and other U.S. government agencies across U.S. Central Command (CENTCOM), in addition to providing the strategic logistics link from the national industrial base to the joint warfighter in the field.

## INTRODUCTION

The 401st AFSB headquarters is located at Camp Arifjan, Kuwait, where it leverages the full might of the Army materiel enterprise across CENTCOM's area of responsibility in Southwest Asia. The 401st AFSB executes sustainment, property accountability and retrograde in support of Army, joint and multinational forces, and other U.S. government agencies across CENTCOM. It also provides the strategic logistics link from the national industrial base to the joint warfighter in the field. The 401st

AFSB commands four Army Field Support Battalions (AFSBn) and a LOGCAP battalion sustaining the warfighter throughout the entire CENTCOM area of responsibility.

## CAPABILITIES AND MISSION EXECUTION

The 401st AFSB provides its headquarters, the ASC, and materiel enterprise partners a forward presence, and executes critical programs and missions in support of Operation Freedom's Sentinel, Operation Inherent Resolve and Operation Spartan Shield. These include building and sustaining the CENTCOM joint warfighter, providing property accountability, enhancing CENTCOM readiness and providing strategic depth. The 401st AFSB also manages LOGCAP to provide essential combat support and combat service support tailored to requirements identified by battlespace commanders. It is also involved in contracted field support maintenance, theater property equipment, APS-5, support to Foreign Military Sales and life cycle management command reach-back support. The 401st traces its



ABOVE: Chief Warrant Officer 3 Princess McNamee (right), accountable officer, 401st Army Field Support Battalion-Kuwait, checks on the progress of transferring equipment to Juggernaut Forward Support Company, 1st Battalion, 8th Infantry Regiment, 3rd Armored Brigade Combat Team, 4th Infantry Division, during an issue of equipment out of Army Prepositioned Stocks-5, Camp Arifjan, Kuwait. Soldiers and APS-5 contractors worked together to account for all the equipment before the final transfer occurred. (U.S. Army Photo by Kevin Fleming)

BELOW: A contractor with Army Prepositioned Stocks-5 directs a crane operator to briefly stop lowering a 30-ton turret onto an Abrams M1A2 so others could check its alignment to the mount, Camp Arifjan, Kuwait. (U.S. Army photo by Kevin Fleming)

history back to the 1997 activation of the Combat Equipment Group-Southwest Asia (CEG-SWA). The command was formed as a result of the chief of staff of the Army's decision to expand AMC's responsibility for war reserve stocks to include the Persian Gulf region.

While the unit created APS sets in Qatar and Kuwait, it underwent a series of name and organizational changes. CEG-SWA was renamed AMC Forward-SWA Oct. 1, 2000, when the unit assumed responsibility for the Logistics Assistance Program and LOGCAP in Southwest Asia.

AMC Forward began war support operations in Southwest Asia in October 2001 with support to U.S. forces in Afghanistan. The headquarters moved from Qatar to Kuwait in the fall of 2002 as part of the ramp up to Operation Iraqi Freedom. The unit was redesignated the Army Field Support Brigade-SWA Oct. 1, 2004. At the time, AFSB-SWA consisted of the Brigade Headquarters in Qatar, Army Field Support Battalion-Qatar, AFSBn-Kuwait, AFSBn-Afghanistan, prepositioned watercraft at Kuwait Naval Base and the Logistics Support Element at Arifjan, Kuwait. On October 15, 2006, the unit became the 401st Army Field Support Brigade.



## FIND OUT MORE

[www.aschq.army.mil/home/401.aspx](http://www.aschq.army.mil/home/401.aspx)

 /401stAFSB

# 402<sup>ND</sup> ARMY FIELD SUPPORT BRIGADE

## LOCATIONS

- Headquarters Schofield Barracks/Fort Shafter, Hawaii
- Fort Greely, Alaska
- Fort Wainwright, Alaska



A vehicle with 209th Aviation Support Battalion, 25th Combat Aviation Brigade, is transported from the CW3 Harold C Clinger, 25th Combat Aviation Brigade, to be driven to Pōhakuloa Training Area. The vehicle was one of the 128 vehicles driven through Saddle Road, one of the deadliest roads in Hawaii. (U.S. Army photo by Sgt. Bryanna Poulin)

The 402nd Army Field Support Brigade (AFSB) is a mission-focused, modular organization designed to bring logistics power forward to every element of the expeditionary Army by providing responsive, strategic logistics capability and materiel readiness to enable the U.S. Indo-Pacific Command (USINDOPACOM) to conduct the full range of military operations.

## INTRODUCTION

The 402nd AFSB, a subordinate of ASC, brings logistics power forward to every element of the expeditionary Army. It does this by providing responsive, strategic logistics capability and materiel readiness. The 402nd AFSB works to ensure materiel readiness throughout the USINDOPACOM area of responsibility through a range of logistics and sustainment support, installation support through synchronization of materiel enterprise operations, and offers the full spectrum of support in remote locations often operating under harsh arctic and tropical conditions. The 402nd AFSB has five direct-

reporting units: two Army Field Support Battalions (AFSBn) and three Logistics Readiness Centers (LRCs), which provide direct support to U.S. Army Pacific (USARPAC) forces throughout USINDOPACOM with reach-back capabilities covering five time zones.

## CAPABILITIES AND MISSION EXECUTION

AFSBn-Alaska (AFSBn-ALK) provides leadership to integrate and synchronize AMC materiel enterprise support to U.S. Army Alaska (USARAK) and the Alaska National Guard. AFSBn-ALK provides logistics assistance to commanders who are confronted with challenges beyond their resources or capabilities. AFSBn-ALK performs this function through the employment of Brigade Logistics Support Teams composed of technically proficient logistics and maintenance personnel and Logistics Assistance Representatives (LARs) from all of the AMC life cycle management commands. The LARs' primary mission is to analyze unit materiel readiness and assist in resolving equipment



Thirteen Stryker vehicles from 1st Battalion, 14th Infantry Regiment, 2nd Stryker Brigade Combat Team, returned from Pōhakuloa Training Area to Waipio Peninsula, which is located in the West Loch of Pearl Harbor, in Hawaii. (U.S. Navy photo by Chief Mass Communication Specialist David Rush)

readiness issues. AFSBn-Hawaii (AFSBn-HAW) provides logistics and sustainment support to all units located in Hawaii and other areas within USINDOPACOM not covered by a sister brigade through prioritization, integration and synchronization of the Army's acquisition, logistics and technology capabilities to maintain unit readiness. AFSBn-Hawaii is responsible for direct operational support to three combat brigades of the 25th Infantry Division and 15 Active and Reserve Component Combat Support Brigades within USARPAC.

LRC-Fort Greely Alaska provides a broad range of logistics services in a remote locale under harsh arctic conditions to the garrison and tenant activities supporting the missile defense complex across the full spectrum of operations.

LRC-Fort Wainwright Alaska and Joint Base Elmendorf-Richardson, Army Support Area, Alaska provides full spectrum logistics support under harsh Arctic conditions and across vast distances in Alaska to USARAK units, the garrison, and tenant activities at FWAK, JBER, Bilio Lake and Black Rapids Training Site to ensure warfighters are properly sustained to fight and win the nation's wars.

LRC-Schofield Barracks Oahu, Hawaii, integrates and synchronizes materiel enterprise operations that provide sustainable installation support and power projection capability to the Army and joint forces in USINDOPACOM area of responsibility. The logistics support and services provided are inclusive of logistics services, contract, transportation, supply and services, and maintenance. Additionally, LRC-SBHI provides sub-installation support to Pōhakuloa Training Area, located on the big island of Hawaii.

## FIND OUT MORE

[www.aschq.army.mil/home/402.aspx](http://www.aschq.army.mil/home/402.aspx)

# 403<sup>RD</sup> ARMY FIELD SUPPORT BRIGADE

## LOCATIONS

- Camp Henry, Korea
- Far East Asia
- Northeast Asia



Committed employees work to ensure Army Prepositioned Stocks-4 are readily available to support troops in the Pacific theater. (U.S. Army photo by Galen Putnam)

The 403rd Army Field Support Brigade (AFSB) is a mission-focused and modular unit, organized to place logistics power forward to every element of the expeditionary Army.

## INTRODUCTION

The 403rd AFSB has a network of logistics support elements that provide direct support to corps-level activities; Army Field Support Battalions (AFSBN) Korea and Northeast Asia – which provide direct support to the 2nd Infantry Division and management of the regional Army Prepositioned Stocks-4 (APS-4); Brigade Logistics Support Teams (BLSTs) that provide direct support to the 2ID/Republic of Korea-U.S. Combined Division, non-divisional brigade combat teams and logistics support teams providing direct support to non-divisional units in its assigned areas, including Okinawa and mainland Japan.

## CAPABILITIES AND MISSION EXECUTION

The 403rd AFSB provides ASC and its materiel enterprise partners a forward presence to assist in managing sustainment maintenance and supply, and to assist theater maintenance activities in accomplishing field maintenance when required. The 403rd mission is

to sustain U.S. Forces Korea, 8th U.S. Army and U.S. Forces Japan, and support the combatant commander's theater strategy. These missions include, but are not limited to: synchronizing the life cycle management commands' forward and special repair activities support within theater; maintenance and distribution of Army Prepositioned Stocks (APS); materiel fielding; wartime planning support for reception, staging, onward movement and integration of AMC augmentation forces; infrastructure development to support AMC power projection capabilities; Logistics Assistance Program (LAP); Logistics Civil Augmentation Program (LOGCAP); and the integration of acquisition, logistics and technology to support Soldier requirements. An integral part of the 403rd AFSB team, Logistics Assistance Representatives, are embedded with the Logistics Support Teams and elements to provide support to Soldiers at every echelon, thus ensuring equipment readiness.

## HISTORY

Effective Oct. 1, 2013, the 403rd assumed mission command of the Directorates of Logistics in Japan and Korea, that were subsequently renamed Logistics Readiness Centers (LRCs), to ensure effective and efficient transfer of responsibilities from the U.S. Army



Dr. Christine Altendorf and Command Sgt. Maj. Timothy D. Hockenberry, director and command sergeant major of Installation Management Command-Pacific, respectively, receive a briefing on 403rd AFSB, Logistics Readiness Center-Honshu mission capabilities. (U.S. Army photo by Noriko Kudo)

Garrisons to the 403rd. Six LRCs were transferred smoothly and to the satisfaction of the senior mission commanders throughout the 403rd areas of support. Linking Soldiers at the smallest outposts in Korea and Japan to the national sustainment base makes the 403rd AFSB a pivotal part of the materiel enterprise.

The AMC Customer Service Office-Pacific opened in Seoul in 1966. Renamed the Logistics Assistance Office-Far East (LAO-FE) in 1972, it was responsible for technical assistance, wholesale supply support, management of modification work orders and select item management for all units in U.S. Army Pacific. AMC Forward-Far East was established in 1986 to coordinate all AMC activities in the Far East. Consolidated under AMC Forward-FE were the Depot Support Activity Far East (DSAFE), Test Measurement and Diagnostic Equipment, LAO-FE, the LAP senior command representatives, the Science and Technology Center-Far East and the science adviser. AMC-Logistics Support Element-FE was established in 1995 to correct the fragmentation of missions.

The U.S. Army Operations Support Command, the predecessor of ASC, took over management in 2000.

The DSAFE and Combat Equipment Battalion-Far East began reporting to AMC-FE in 2000. During 2001, the name of the command returned to AMC Forward-Far East. On May 1, 2005, AMC Forward-FE was re-designated as Army Field Support Brigade-Far East (AFSB-FE).

The AFSB-FE restructured its Logistics Assistance Offices into LSEs and BLSTs to provide modular support to the 8th U.S. Army. The unit became the 403rd Army Field Support Brigade in 2008. The AFSB-FE was disestablished Oct. 16, 2007, and the 403rd AFSB was activated. The 403rd assumed responsibility for the Logistics Civil Augmentation Program operations in the Pacific, the watercraft mission in Yokohama and AMC functions in Japan and Okinawa.

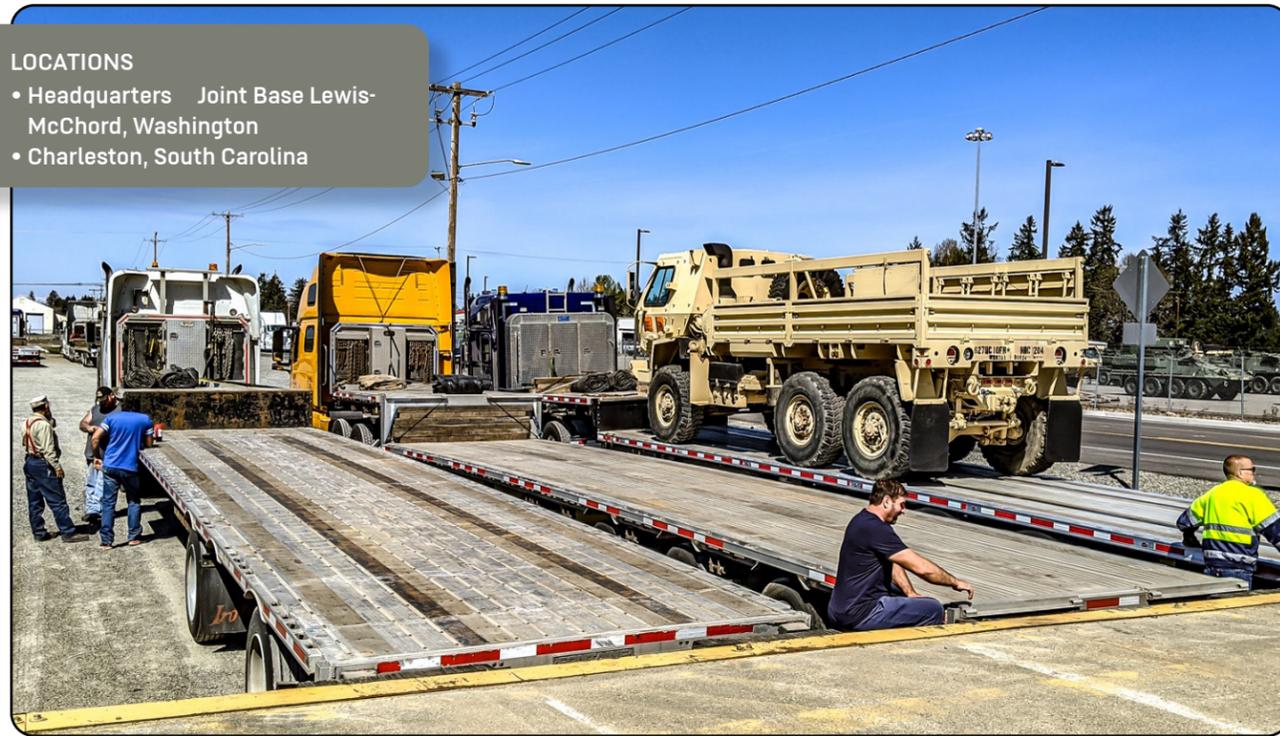
## FIND OUT MORE

[www.aschq.army.mil/home/403.aspx](http://www.aschq.army.mil/home/403.aspx)

# 404<sup>TH</sup> ARMY FIELD SUPPORT BRIGADE

## LOCATIONS

- Headquarters Joint Base Lewis-McChord, Washington
- Charleston, South Carolina



Equipment from the 627th Hospital Company is staged at the JBLM SDC and loaded on trucks for its return to Fort Carson, Colo. (U.S. Army photo by George Cox)

The 404th Army Field Support Brigade (AFSB), located at Joint Base Lewis-McChord (JBLM) in Washington, is a mission-focused, modular organization designed to project logistics power to our expeditionary Army.

## INTRODUCTION

The 404th AFSB executes mission command of subordinate units to integrate and synchronize AMC strategic capabilities in support of U.S. Northern Command (NORTHCOM), to include support to Defense Support of Civil Authorities (DSCA) for U.S. Army North (USARNORTH), I Corps, and other Army and joint organizations within its area of operation to increase materiel readiness at the operational and tactical point of need.

## HISTORY

The 404th AFSB's lineage began in December 2002 when AMC established AMC Forward Stryker at Ft. Lewis, Washington (now JBLM). The mission was to provide the 3/2 Stryker Brigade Combat Team (SBCT) with a single point of entry to address both AMC and Acquisitions, Logistics and Technology (AL&T) integration and sustainment support.

By June 2003, the first AMC Brigade Logistics Support Team (BLST) was created and began preparation to deploy in support of Operation Iraqi Freedom.

In October 2003, AMC Forward Stryker reorganized as a direct subordinate unit of Army Field Support Command. The primary mission of AMC Stryker-Forward was to establish, train and combat certify all Stryker BLSTs.

On August 15, 2005, the Army Field Support Brigade Stryker was renamed the Army Field Support Brigade-Pacific (Provisional). The brigade continued to support Stryker fleets and reset, and provide Logistics Assistance Program (LAP) support.

By 2007, the brigade was involved in Army Force Generation operations and expanded to include responsibility for Logistics Support Elements at Fort Irwin, California, and Fort Huachuca, Arizona. In addition, the brigade established the AFSB Forward FWD at Fort Shafter, Hawaii, to support the U.S. Army Pacific Command (USARPAC) and the 8th Theater Support Command (TSC).

On October 16, 2008, the Brigade completed another step in its evolution when, by order of the Secretary of the



A Soldier from the 24th Composite Supply Company issues parts to a customer from the newly relocated Supply Support Activity at Joint Base Lewis-McChord, Wash. The 24th CSC relocated their entire Support Supply Activity for the first time in the unit's history to a field environment where they continued day-to-day operations of supporting customers throughout JBLM. (U.S. Army photo by Sgt. 1st Class Miriam Espinoza)

Army, Army Field Support Brigade-Pacific (Provisional) was deactivated, and the 404th AFSB was activated. This authorization constituted the unit's birth certificate, its service record and its deed to organizational properties.

In October 2012 the 404th AFSB's mission expanded again with the assumption of command of eight Logistics Readiness Centers (LRCs), an additional LRC in January 2015; two more LRCs in May 2015; and another in June 2015.

Then, on August 1, 2015, the brigade downsized with one AFSBn and two LRCs in Alaska, and one AFSBn and an LRC in Hawaii, transferred to the 402nd AFSB at Schofield Barracks, Hawaii.

The 404th AFSB took command of an additional LRC October 1, 2016. With this final LRC, the 404th AFSB was comprised of one AFSBn, three Logistics Support Teams (LSTs), one Logistics Support Element and 10 LRCs.

On July 1, 2018, the 404th AFSB transferred four LRCs to the 407th AFSB: LRC-Yuma and LRC Huachuca in

Arizona; LRC-Dugway Proving Grounds in Utah; and LRC-Presidio of Monterey in California. The 404th in turn gained eight other LRCs and an additional battalion (AFSBn-Joint Base Charleston).

Today, the 404th Army Field Support Brigade is comprised of two AFSBns, two combat training center LSTs and 13 LRCs. The 404th AFSB continues to provide materiel readiness at the operational and tactical point of need.

## FIND OUT MORE

[www.aschq.army.mil/home/404.aspx](http://www.aschq.army.mil/home/404.aspx)

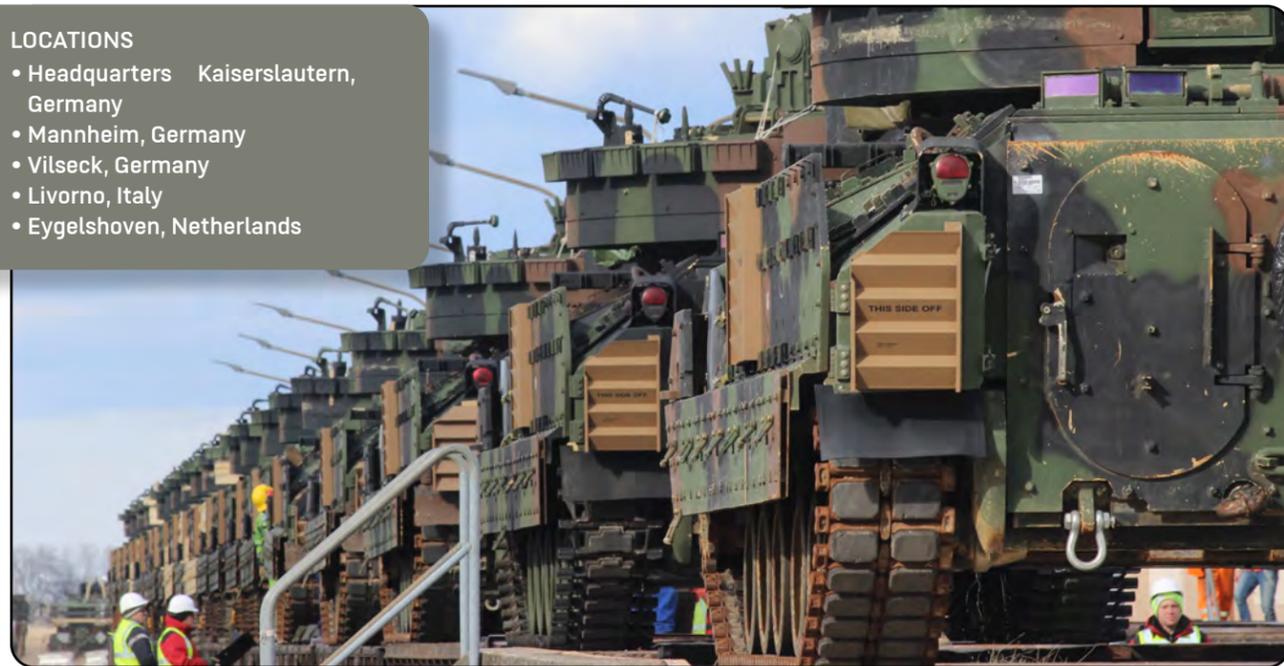
[www.aschq.army.mil/home/AFSBn\\_Lewis.aspx](http://www.aschq.army.mil/home/AFSBn_Lewis.aspx)

[f /404thAFSB](https://www.facebook.com/404thAFSB)

# 405<sup>TH</sup> ARMY FIELD SUPPORT BRIGADE

## LOCATIONS

- Headquarters Kaiserslautern, Germany
- Mannheim, Germany
- Vilseck, Germany
- Livorno, Italy
- Eindhoven, Netherlands



Army Field Support Battalion-Mannheim personnel stage Bradleys in preparation for a large-scale equipment issue at Coleman Work Site, Germany. (U.S. Army photo by Rabia Coombs)

## The 405th Army Field Support Brigade (AFSB)

operationalizes AMC capabilities and delivers anticipatory readiness within the U.S. European Command (EUCOM) and U.S. Africa Command (AFRICOM) areas of responsibility, at the tactical point of need.

## INTRODUCTION

The 405th AFSB, assigned to ASC, and under the operational control of U.S. Army Europe (USAREUR), is headquartered at Daenner Kaserne, Kaiserslautern, Germany. The brigade provides materiel enterprise support to U.S. forces throughout Europe and Africa by synchronizing the infusion of acquisition, logistics and technology into USAREUR units and integrating AMC capabilities and enablers to deliver readiness to EUCOM and AFRICOM, maintaining Army Prepositioned Stock (APS) and executing world-class Logistics Readiness Center (LRC) operations.

## CAPABILITIES AND MISSION EXECUTION

The 405th AFSB consists of four Army Field Support Battalions (AFSBn) and seven LRCs. The AFSBns provide mission command of APS storage locations and general support in Europe to assigned and rotational

forces. The LRCs execute installation logistics operations in support of Installation Management Command (IMCOM). The 405th AFSB provides this support throughout the EUCOM and AFRICOM areas of operation. The 405th AFSB is responsible for APS equipment sets at various European locations to be utilized as directed in support of NATO operations.

The 405th AFSBn-Africa, headquartered at Leghorn Army Depot in Livorno, Italy, receives, stores, maintains and issues APS equipment. It provides humidity-controlled storage of assets for several combatant commands. The battalion provides and coordinates AMC enablers in support of U.S. Army Africa through its assigned Logistics Support Team-Africa located at Camp Ederle, Vicenza, Italy. The battalion also supports the U.S. Agency for International Development Office of Foreign Disaster Assistance.

The 405th AFSBn-Benelux, headquartered at Eindhoven, Netherlands, provides mission command of APS operations at Eindhoven, and Zutendaal, Belgium.

The 405th AFSBn-Mannheim, headquartered at Coleman Work Site in Mannheim, Germany, provides mission command of APS operations at Mannheim and Dülmen, Germany. AFSBns-Mannheim and Benelux are both responsible for receipt, storage, maintenance, shipment, and issue of equipment and are capable



David Gaddy, Quality Assurance specialist, Army Field Support Battalion-Mannheim, examines a trailer as part of the battalion's quality assurance process at Coleman Work Site, Germany. (U.S. Army photo by Rabia Coombs)

of shipping equipment to forward sites for issue at Equipment Configuration and Handoff Area.

The 405th AFSBn-Germany, headquartered at Rose Barracks in Vilseck, Germany, is responsible for providing mission command of AMC's Logistics Assistance Program. Operated by Department of Army Civilians, better known as Logistics Assistance Representatives (LARs), these dedicated civilians come to ASC from the four life cycle management commands: Aviation and Missile Command; Communications and Electronics Command; Joint Munitions Command; and Tank-automotive and Armaments Command. LARs provide subject-matter expertise on all Army fielded systems and assist Soldiers with troubleshooting and early detection of faults. These LARs serve side-by-side with supported units in garrisons as well as in the field, and are deployed in support of combat operations around the world.

The 405th AFSB provides installation logistics support to Army garrisons and tactical units through its LRCs, base support operations (BASOPS) transportation and BASOPS maintenance directorates throughout Germany, Italy, Belgium, the Netherlands and Luxembourg.

Supporting 16 communities in four countries, the LRCs are responsible for providing food service support; operating central issue facilities; laundry and dry cleaning services; driver testing; commercial travel services; operating hazardous material control and reuse centers; regional supply support activities; maintaining installation property books; counseling and scheduling household goods shipments; customs clearance; BASOPs and tactical maintenance; and managing Europe's non-tactical Army owned and leased vehicle fleet.

## FIND OUT MORE

[www.afsbeurope.army.mil](http://www.afsbeurope.army.mil)

 /405thAFSB

 /photos/405thAFSB

# 406<sup>TH</sup> ARMY FIELD SUPPORT BRIGADE

## LOCATIONS

- Headquarters Fort Bragg, North Carolina
- Fort Campbell, Kentucky
- Fort Drum, New York
- Fort Stewart, Georgia

Col. Douglas LeVien, 406th Army Field Support Brigade-Fort Bragg, N.C., and Lee Hanson, deputy chief of staff, G-1 (Human Resources), Army Sustainment Command, discuss the capabilities and structure of the 406th AFSB during an annual senior leader forum at the Rock Island Arsenal golf clubhouse, Ill. (U.S. Army photo by Kevin Fleming)

The 406th Army Field Support Brigade (AFSB) serves as the single “face to the field” to execute materiel enterprise functions for AMC by integrating and synchronizing acquisition, logistics and technology at the tactical, operational and strategic levels to enable combat readiness of all Army units in the eastern U.S.



## INTRODUCTION

As part of the Army’s modular force structure transformation, the 406th AFSB was provisionally activated in March 2005 as the AFSB-Continental United States-East (CONUS-East) under ASC. Charged with the responsibility to provide Army force generation support to warfighting units committed to the Global War on Terror, the AFSB encompassed 17 posts, camps and stations in 26 states east of the Mississippi River. Oct 16, 2007, marked the redesignation of AFSB-CONUS-East as the 406th AFSB, as well as the internal reorganization of its subordinate Logistics Support Elements into four provisional Army Field Support Battalions (AFSBns). Of national strategic importance, the 406th AFSB was responsible for the Army Prepositioned Stock Afloat program, located at Army Strategic Logistics Activity Charleston (ASLAC) in South Carolina, and support to Army special operations forces.

## HISTORY

The 406th AFSB is aligned with U.S. Northern Command and in direct support of the Army’s Contingency Corps (XVIII Airborne Corps). Continually evolving with transformation initiatives, the 406th AFSB

expanded its area of responsibility to include Fort Polk/ Joint Readiness Training Center, Louisiana, officially activated its four AFSBns in December 2009 and received operational control of 30 Installation Directorate of Logistics in June 2010. In October 2014, the 406th AFSB assumed mission command of 30 Logistics Readiness Centers (LRCs), which were renamed from installation Directorate of Logistics, and later transferred control of four LRCs to other AFSB units. In July 2018, under the ASC Futures Initiative, the 406th AFSB transferred mission command of several LRCs and AFSBn-Charleston (formerly ASLAC) to the 404th AFSB at Joint Base Lewis-McCord, Washington, while completing the merger of Army Field Support Battalions with LRCs at their respective Division Installations.

## CAPABILITIES AND MISSION EXECUTION

The 406th AFSB integrates, synchronizes and executes the delivery of AMC capabilities in support of unified land operations in a garrison, joint and combined environment at the strategic, operational and tactical point of need, enabling combat readiness of all Army units in the eastern U.S. Four significant efforts highlighted the 406th AFSB’s ability to exceed expectations for logistical contingency support both



Logistics Readiness Center employees perform vehicle maintenance at Charleston, S.C. (U.S. Army photo by Jon Micheal Connor)

in the Continental United States and overseas. The first is mission command of 14 LRCs since 2018. The Baseline Levels of Support include five Power Projection Platforms and one Mobilization Force Generation Installation, 86 Service Contracts at 20 Installations, 13 Ammunition Supply Points, 17 Installation Property Book Offices, 16 Installation Supply Support Activities, 14 Central Issue Facilities and two Clothing Initial Issue Points, 67 Dining Facilities contract/augmentation support and nine Subsistence Supply Management Offices, 18 Installation Transportation Offices, 17 Installation Level Materiel Maintenance Support, laundry and dry cleaning for supported Installations, tenants and surrounding communities.

Second, the mission to support to the activation and equipping of Security Force Assistance Brigade #1 and #2, (SFAB1) at Fort Benning, Georgia, and Fort Bragg, North Carolina. The command worked with Fort Benning's LRC, Fort Bragg and Stewart's AFSBns, DA G4, FORSCOM G4, 18th Airborne Corps G4, AMC G3/4, ASC Support Operations (SPO), TACOM and CECOM to develop a Concept of Support to stand up this new, high priority unit while simultaneously equipping them with excess equipment transferred from across the Army.

Third, support response to disaster assistance within the brigade’s area of responsibility with the execution of Defense Support of Civil Authorities events such as Hurricanes Harvey, Irma, Maria, Michael and Florence. All required high measures of support, but most notable was the support to Irma where the brigade supported elements of the 3rd Expeditionary Sustainment Command as it traversed through the AFSBn-Stewart area of responsibility.

Fourth, the mission of converting 2-3ID from an infantry brigade combat team (IBCT) to an armored brigade combat team (ABCT) at Fort Stewart, Georgia. The command assisted ASC and FORSCOM with the Concept of Support and the weekly information planning session to convert the 2-3 IBCT into an ABCT.

## FIND OUT MORE

[www.aschq.army.mil/home/406.aspx](http://www.aschq.army.mil/home/406.aspx)

# 407<sup>TH</sup> ARMY FIELD SUPPORT BRIGADE

## LOCATIONS

- Fort Hood, Texas
- Fort Carson, Colorado
- Fort Bliss, Texas
- Fort Riley, Kansas

## ADDITIONAL PRESENCE

- Fort Leonard Wood, Missouri
- Fort Sill, Oklahoma
- Fort Huachuca, Arizona
- Fort Knox, Kentucky
- Joint Base San Antonio, Texas
- White Sands Missile Range, New Mexico
- Miami, Florida
- Yuma Proving Ground, Arizona
- Dugway Proving Ground, Utah
- Presidio of Monterey, California
- Fort Buchanan, Puerto Rico
- Soto Cano Air Base, Honduras



Soldiers conduct pre-maintenance checks on vehicles in a motor pool at Fort Hood, Texas. (U.S. Army photo)

The 407th Army Field Support Brigade (AFSB) located at Fort Hood, Texas, synchronizes, integrates and delivers readiness and enterprise sustainment for Army and joint forces within its area of operations.

## INTRODUCTION

In March 2005, the 407th AFSB was provisionally stood up as Army Field Support Brigade-CONUS West (AFSB-CW) at Fort Hood, Texas. AFSB-CW was responsible for enhancing the readiness of active Army, Army Reserve and National Guard units west of the Mississippi River, except those in Washington.

AFSB-CW gained its first Army Field Support Battalion (AFSBn) when the logistics support element at Fort Carson, Colorado, was converted to an AFSBn. On October 16, 2007, the 407th AFSB relinquished its provisional status and was activated at Fort Hood.

In October 2012, the 407th AFSB gained mission command of eight Directorate of Logistics, now known as Logistics Readiness Centers (LRCs). By 2018, the 407th AFSB had grown to four AFSBns, each with their own embedded LRC, and 12 LRCs spread across 13 states and two overseas locations: Puerto Rico and Honduras.

## CAPABILITIES & MISSION EXECUTION

The 407th is regionally aligned with U.S. Southern Command and directly supports III Corps, headquartered at Fort Hood. The mission of the 407th AFSB is accomplished through four AFSBns (each with its own embedded LRC capability) and through 12 LRCs. The 407th supports the synchronization, integration and delivery of readiness and Army materiel enterprise sustainment to warfighting units and installation garrison operations. At the brigade headquarters level, the command has a deployable Corps Logistics Support Element (CLSE) to support contingency operations if the III Corps Headquarters deploys.

At the AFSBn level, each AFSBn has a Division Logistics Support Element when the division headquarters deploys. The 407th leverages life cycle management command's Logistic Assistant Representatives across its footprint in support of unit readiness, along with a mix of contractors and Department of the Army Civilians.

AFSBn-Carson is stationed at Fort Carson, Colorado, and provides direct support to the 4th Infantry Division. AFSBn-Bliss is stationed at Fort Bliss, Texas, and provides direct support to the 1st Armored Division. AFSBn-Riley is stationed at Fort Riley, Kansas, and



Cadet Samuel Gordon from Indiana University throws a dummy grenade towards the target during the hand grenade qualification course at Fort Knox, Ky. The 407th directly supports the U.S. Army Cadet Command's summer training program by providing food, fuel, maintenance and transportation support to thousands of cadets. (U.S. Army photo by Jodi Moffett)

provides direct support to the 1st Infantry Division. AFSBn-Hood is stationed at Fort Hood and provides direct support to the 1st Cavalry Division. The 407th CLSE provides direct support to the 3rd Cavalry Regiment and to other separate brigades in direct support of the Corps.

The 407th LRCs provide installation garrison support whose capabilities include: Army readiness; power projection missions; Installation Management Command base support operations; U.S. Training and Doctrine Command (TRADOC) support for Army Initial Entry Training; asset management; dining facility and food service operations; and property management. The 407th AFSB directly enables readiness, sustainment and power projection capabilities across 16 installations.

Today, the 407th AFSB is a critical enabler of strategic logistics capabilities for III Corps units constantly deployed around the world. The 407th continues to support Army units mobilizing and deploying in support of contingency operations. In recent years, the 407th has played an active role in divisional deployments in support of regionally aligned forces in Korea, Kuwait and Eastern Europe.

Each summer, the 407th directly supports the U.S. Army Cadet Command's summer training program at Fort Knox, Kentucky, providing food, fuel, maintenance and transportation support to thousands of cadets.

Since 2018, the 407th AFSB has been helping Army units in support of Operation Border Support along the nation's border with Mexico. In addition, the 407th supports three TRADOC Center of Excellence locations at Fort Sill, Oklahoma; Fort Leonard Wood, Missouri; and Fort Huachuca, Arizona. The 407th AFSB quickly responds to defense support to contingency operations and disaster recovery response.

Recently, the 407th supported the establishment of Logistics Civil Augmentation Program Capability centers at Fort Bliss and North Fort Hood in support of COVID-19 support operations. The 407th AFSB lives up to its motto which is to fully "Support the Soldiers!"

## FIND OUT MORE

<http://www.aschq.army.mil/home/407.aspx>



## U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND

**U.S. Army Communications-Electronic Command (CECOM) is the Army's materiel integrator for command, control, communications, computers, cyber, intelligence, surveillance and reconnaissance (C5ISR) readiness.**

### CORE COMPETENCIES

- Depot-Level Manufacturing, Repair and Overhaul
- Field Support
- Foreign Military Assistance
- Interoperability Certification
- Logistics Sustainment Planning and Execution
- Software Sustainment
- Supply Chain Management
- IT Systems Engineering and Integration

ABOVE: The 2nd Security Force Assistance Brigade concludes a training rotation at the Joint Readiness Training Center, at Fort Polk, La. The unit utilized tactical network transport equipment, including inflatable Transportable Tactical Command Communications satellite terminals and Scout satellite terminals, and trained with new Integrated Tactical Network capabilities. (U.S. Army photo)

OPPOSITE PAGE: Once on the ground and an airfield is seized, Soldiers can rapidly set up their inflatable Transportable Tactical Command Communications (T2C2) satellite system, and retain continuity of mission command during the initial phase of the operation. (U.S. Army photo by Amy Walker)

### INTRODUCTION

CECOM plays a critical role in supporting our Soldiers' ability to protect our nation and way of life. Through collaboration with Program Executive Offices (PEOs), U.S. Army Futures Command (AFC), the Network Cross-Functional Team, other AMC commands and industry partners, CECOM provides, integrates and sustains world-class C5ISR hardware, software and mission command capabilities to the joint warfighter.

CECOM enables a network that connects and synchronizes the Armed Forces at all echelons to ensure a more lethal and dominant joint force for the U.S. and its allies. Comprising a global team of dedicated Soldiers, civilians and contractors, CECOM's mission is to empower the Soldier through sustained C5ISR readiness – anytime, anywhere.

As our Army modernizes for high-intensity conflict against near-peer adversaries, the importance of C5ISR readiness has never been greater. When a Soldier needs his tactical vehicle configured with the latest blue force tracker, CECOM is there. When a Soldier needs her C5ISR system software updated with a security patch to protect it from up-to-the-minute cyber threats, CECOM is there. When a unit needs a spare part for its mobile satellite system to keep it connected and protected on the battlefield, CECOM is there.

CECOM and elements from AMC, AFC and the Assistant Secretary of the Army for Acquisition, Logistics and Technology collectively form the C5ISR Center of Excellence at Aberdeen Proving Ground, Maryland.



### CAPABILITIES & MISSION EXECUTION

CECOM's subordinate organizations are:

**U.S. Army Medical Logistics Command (AMLC), Fort Detrick, Maryland:** AMLC projects and sustains medical materiel capabilities and data in order to build and enable readiness for the Army and Joint Forces across the full spectrum of operations. It delivers medical materiel readiness through integrated medical materiel distribution, forward positioned stocks, and centralized medical materiel management and data management to sustain health services.

**Central Technical Support Facility (CTSF), Fort Hood, Texas:** The CTSF is the Army's strategic facility responsible for executing interoperability certification testing, configuration management of the Army's tactical software baselines and supporting net-enabled cross-program integration. It provides data to Army leadership and various joint agencies to facilitate interoperability certifications. CTSF also hosts the Army's Coalition Interoperability Assurance and Validation lab.

**Integrated Logistics Support Center (ILSC), Aberdeen Proving Ground, Maryland:** ILSC provides global logistics solutions to enable C5ISR readiness. As the Army's premier logistics organization for C5ISR life cycle support, ILSC ensures Soldiers are equipped and ready to execute missions in support of Army priorities and combatant commanders' requirements.

**Software Engineering Center (SEC), Aberdeen Proving Ground, Maryland:** SEC provides software, hardware, business applications and enterprise life cycle solutions for C5ISR systems. SEC ensures the operational readiness of fielded software by developing, providing, integrating and maintaining C5ISR logistics and business software.

**Tobyhanna Army Depot (TYAD), Tobyhanna, Pennsylvania:** TYAD provides world-class logistics support for C5ISR systems for the Department of Defense. Capabilities include sustainment, overhaul and repair, fabrication and manufacturing, engineering design and development, software depot maintenance, technology insertion and modification, and global field support.

**U.S. Army Information Systems Engineering Command (USAISEC), Fort Huachuca, Arizona:** USAISEC provides systems engineering, installation, integration, implementation and evaluation support for communications and IT systems in support of the warfighter. USAISEC supports the PEO for Enterprise Information Systems in upgrading IT infrastructure at every Army post, camp and station; upgrading command centers, and modernizing the IT infrastructure throughout the Army.

### HISTORY

An AMC Major Subordinate Command, CECOM was first established as the U.S. Army Electronics Command on Aug. 21, 1963. It was designated the Communications-Electronics Command in 1981, and it was re-designated as the CECOM Life Cycle Management Command in 2005.

### FIND OUT MORE

**U.S. Army Communications-Electronics Command**

**6585 Surveillance Loop**

**Aberdeen Proving Ground, MD 21005**

[www.army.mil/cecom](http://www.army.mil/cecom)

[/CommunicationsElectronicsCommandCECOM](https://www.facebook.com/CommunicationsElectronicsCommandCECOM)

# U.S. ARMY MEDICAL LOGISTICS COMMAND

## LOCATION

- Fort Detrick, Maryland

## DIRECT REPORTING UNITS

- U.S. Army Medical Materiel Agency (USAMMA)
- U.S. Army Medical Materiel Center-Europe (USAMMC-E)
- U.S. Army Medical Materiel Center-Korea (USAMMC-K)



Soldiers from the U.S. Army Medical Materiel Center-Korea's 563rd Medical Logistics Company loads Class VIII medical supplies onto a CH-47 helicopter with guidance from the 21D/2CAB crew chief on March 24, 2020. (U.S. Army photo by Shawn Hardiek)

## FIND OUT MORE

### Army Medical Logistics Command

Bldg. 693 Neiman Street, 2nd Floor

Fort Detrick, MD 21702

<https://www.amlc.army.mil>

[f](#) /ArmyMedlogCommand

[t](#) @ArmyMedLog

[in](#) /company/armymedlog

[p](#) /photos/armymedlog

**U.S. Army Medical Logistics Command's (AMLC)** mission is to deliver medical materiel readiness through integrated medical materiel distribution, forward positioned stocks, centralized medical materiel management and data management to sustain health services support for the operational Army units and joint forces in support of large-scale combat operations. AMLC provides strategic oversight of three direct reporting units, Army Prepositioned Stocks and medical maintenance operations located across five continents.

## CAPABILITIES & MISSION EXECUTION

Medical logistics enables an entire system of medical readiness, from the deployability of service members in garrison to the delivery of medical care in an operational environment. Medical logistics is also functionally linked to medical product development and program management. AMLC works closely with Army Futures Command to ensure sustainment is considered during the development phase of materiel solutions. AMLC also coordinates medical logistics functions with the Office of the Surgeon General and the Defense Health Agency to facilitate an integrated health service support capability to the Army and the joint force.

# U.S. ARMY MEDICAL MATERIEL AGENCY

## LOCATIONS

- Fort Detrick, Maryland
- Perry Point, Maryland
- Tobyhanna, Pennsylvania
- Hill Air Force Base, Utah
- San Joaquin, California
- Sierra Army Depot, California
- Charleston, South Carolina
- San Antonio, Texas
- Germany
- Qatar
- Japan
- Korea

Staff Sgt. Joshua Bahr, an NCO assigned to the 51st Medical Logistics Company, works on a piece of medical equipment while temporarily assigned to the U.S. Army Medical Materiel Agency's Medical Maintenance Operations Division in Tobyhanna, Pa. (U.S. Army photo by Ellen Crown)



**U.S. Army Medical Materiel Agency (USAMMA)** provides worldwide operational medical logistics support, including fielding, sustainment and centralized management of readiness-enabling contingency programs.

## CAPABILITIES & MISSION EXECUTION

USAMMA's core capabilities are focused on medically equipping and sustaining the force. USAMMA's primary activities include:

- Providing medical maintenance at the depot-level, as well as to National Guard units, centrally managed programs, and expert-level repair support in operational environments.
- Managing readiness-enabling contingency programs and Army Prepositioned Stocks.
- Distributing vaccines and therapeutics, and providing cold chain management training.
- Managing and updating the medical materiel catalogue, and providing technical business support and record system training.

USAMMA has three stateside Medical Maintenance Operations Divisions (MMOD), including:

- **MMOD-Tobyhanna (Pennsylvania):** Audiometer calibration, optical equipment, and Table of Organization and Equipment lab equipment.
- **MMOD-Hill (Hill Air Force Base, Utah):** Anesthesia, pulmonary equipment and field oxygen.

• **MMOD-Tracy (Defense Distribution Center in San Joaquin, California):** Maintenance and calibration for medical imaging equipment and special purpose (medical) test, measurements and diagnostics equipment.

Each MMOD location provides medical maintenance support for its region's National Guard units.

The highest-trained equipment experts from each MMOD also rotationally deploy as part of a team called the Forward Repair Activity-Medical (FRA-M). The FRA-M travels around the globe to provide expert-level training and support to unit-level biomedical equipment specialists.

Additionally, USAMMA provides medical logistics support for several Department of the Army readiness programs. These programs include the acquisition, storage, distribution and transfer of prepositioned stocks located ashore and afloat, as well as medical chemical defense packages and short shelf life pharmaceuticals and other materiel.

As part of the force projection strategy, these programs contribute to the Army's ability to rapidly deploy decisive power worldwide. Both the Army and the Office of the Surgeon General have established specific programs to support contingency operations, are designed to work together to meet the needs of deploying units and include:

### Army Prepositioned Stocks:

- Brigade/unit sets

## U.S. ARMY MEDICAL MATERIEL AGENCY Continued



ABOVE: Medical maintenance experts at Medical Maintenance Operations Division-Tracy, under the U.S. Army Medical Materiel Agency, inspect a computerized tomography system that arrived to the depot for recapitalization. (U.S. Army photo by Ellen Crown)

BELOW: Sgt. Kevin Taylor, a medical maintainer with the 3rd Brigade Combat Team, works on imaging equipment during medical maintenance training at the U.S. Army Medical Materiel Agency's Medical Maintenance Operations Division at Tracy Defense Distribution Depot in California. (U.S. Army photo by Ellen Crown)

- Operational projects
- War reserve sustainment

### The Surgeon General's Contingency Stock:

- Medical Chemical Defense Materiel
- Centrally Managed Medical Potency and Dated Materiel Program (Unit Deployment Packages)
- Medical Materiel Readiness Program

USAMMA operations are worldwide and comprise approximately 400 personnel, including military, civilians, contractors and foreign nationals.

### FIND OUT MORE

U.S. Army Medical Materiel Agency

Bldg. 693 Neiman Street, 3rd Floor

Fort Detrick, MD 21702

301-619-8701

<https://www.amlc.army.mil/USAMMA>

 /USArmyMedicalMaterielAgency

 /photos/usamedicalmateriel



## U.S. ARMY MEDICAL MATERIEL CENTER – EUROPE

### LOCATION

- Pirmasens, Germany
- U.S. Army Garrison Kaiserslautern, Germany

### CORE COMPETENCIES

- Acquisition, storage and distribution of medical materiel
- Medical maintenance
- Optical fabrication

A Soldier assigned to the U.S. Army Medical Materiel Center-Europe checks shipping documents for special handling materiel, such as controlled medications and hazardous materials. (U.S. Army photo)

The U.S. Army Medical Materiel Center, Europe (USAMMCE) provides and projects medical logistics support across the full spectrum of military operations to U.S. European Command (EUCOM), U.S. Central Command (CENTCOM), U.S. Africa Command (AFRICOM) and the U.S. Department of State.

### CAPABILITIES & MISSION EXECUTION

USAMMCE serves as the Theater Lead Agent for Medical Materiel (TLAMM) for EUCOM and AFRICOM. USAMMCE also provides medical materiel support for CENTCOM, which covers operations from northeastern Africa to southwestern and south central Asia. Additionally, USAMMCE serves as the executive agent to the U.S. Department of State for its medical humanitarian assistance program and provides logistics services to U.S. embassies throughout the world. In these capacities, USAMMCE supports more than 1,200 Army, Navy, Air Force and Department of State hospitals, clinics, embassies and field units.

USAMMCE maintains a warehouse inventory of more than 5,400 different items and a catalog of more than 53,000 items. In recent years, USAMMCE has received annual requests for Class VIII materiel (medical supplies) valued up to \$153 million. USAMMCE also typically fabricates more than 60,000 optical pieces per year and receives more than 4,000 orders for medical equipment maintenance annually.

As the TLAMM, USAMMCE provides many of the services performed by civilian medical equipment



distribution centers in the U.S. The TLAMM is the provider of logistics, training and innovation in Class VIII. As the designated TLAMM, USAMMCE serves as the single point of contact for medical logistics planning in the EUCOM and AFRICOM theaters and for Class VIII materiel movement into the CENTCOM area of responsibility, including customers currently serving in Iraq and Afghanistan.

USAMMCE primarily provides capabilities in the acquisition, storage and distribution of medical materiel, optical fabrication and medical equipment maintenance. USAMMCE also develops business improvements to better serve the needs of customers, such as advanced information management and logistics systems for medical materiel supply chain management and medical product requisitions.

The USAMMCE-E team includes approximately 270 personnel, including military, civilians, contractors and foreign nationals.

### FIND OUT MORE

MCMR-MCZ

APO AE 09138

<https://www.amlc.army.mil/USAMMCE>

 /US-Army-Medical-Materiel-Center-Europe-USAMMCE-190248934346374

# U.S. ARMY MEDICAL MATERIEL CENTER – KOREA

## LOCATION

- Camp Carroll, South Korea
- Camp Humphreys, South Korea

## CORE COMPETENCIES

- Acquisition, storage and distribution of medical materiel
- Medical maintenance
- Optical fabrication

A Medical Logistics Specialist assigned to the 563rd Medical Logistics Company conducts medical supply warehouse operations at the U.S. Army Medical Materiel Center-Korea. (U.S. Army photo by Lt. Col. Marc R. Welde)

**U.S. Army Medical Materiel Center-Korea (USAMMC-K)** serves as U.S. Forces Korea (USFK)'s Theater Lead Agent for Medical Materiel (TLAMM) and provides medical materiel support to theater medical forces, ensures tactical units are integrated into the medical supply chain and assists the combatant commander in health logistics support planning.



## CAPABILITIES & MISSION EXECUTION

USAMMC-K's mission is to deliver continuous medical logistics support to USFK throughout the full range of military operations.

The team stands ready to "Fight Tonight" alongside its Korean allies to defeat aggression on the Korean peninsula. In addition to serving the Army, USAMMC-K also provides medical logistics support to joint forces and the U.S. Department of State.

USAMMC-K manages two centrally-funded programs, including the medical chemical defense materiel and pandemic influenza (PI) stocks. USAMMC-K contributes to Eighth Army's medical readiness by managing and fielding countermeasures used in the protection and treatment of Soldiers in the event of a chemical, biological, radiological or nuclear attack. These countermeasures include pretreatment, treatment, antidotes, skin decontamination and Potency and Dated items for the Medical Equipment Set and Chemical Agent Patient Treatment. PI stocks managed by USAMMC-K are centrally funded assets

by the Assistant Secretary of Defense (Health Affairs) and are intended to respond to a pandemic or other public health emergencies.

The team includes approximately 150 personnel, including U.S. and Republic of Korea military, local Korean civilians and Department of the Army Civilians.

In addition, the 563rd Medical Logistics Company, from the 65th Medical Brigade, is unique to USAMMC-K, providing just over 50% of the workforce.

## FIND OUT MORE

**USAMMC-K, Unit 15479**

**APO AP 96260-5479**

**011-82-54-970-8365**

<https://www.amlc.army.mil/USAMMCK>

 /usammck

# TOBYHANNA ARMY DEPOT

## LOCATION

- Tobyhanna, Pennsylvania



Four technicians from Tobyhanna Army Depot work with the Pennsylvania National Guard to assess, troubleshoot and repair 14 Satellite Transportable Terminals required for upcoming deployments. (U.S. Army photo)

**Tobyhanna Army Depot (TYAD)** is a recognized leader in providing world-class logistics support for command, control, communications, computers, cyber, intelligence, surveillance and reconnaissance (C5ISR) systems across the Department of Defense.

## INTRODUCTION

TYAD, a subordinate organization of CECOM, has served the U.S. since 1953.

Today, it is the premier full-service joint C5ISR maintenance facility in the DOD and the largest industrial employer in northeastern Pennsylvania with an annual economic impact of \$2.8 billion. Tobyhanna's corporate philosophy, dedicated workforce and technical expertise ensure the depot is the joint C5ISR provider of choice for all branches of the Armed Forces and industry partners.

The depot encompasses more than 1,300 acres and has more than 2.4 million square feet dedicated to C5ISR, missile guidance and control missions, with 61% of the mission area under one roof. It includes more than 150 buildings, 20 clean rooms and 10 test ranges, one of which is a laser range, in addition to multiple radar

ranges. Tobyhanna's unparalleled capabilities include full-spectrum logistics support for sustainment, overhaul and repair, fabrication and manufacturing, engineering design and development, systems integration, post-production software support, technology insertion, modification, Foreign Military Sales (FMS) and global field support to joint warfighters.

TYAD is virtually self-sustaining, with a modern infrastructure to support its diverse mission requirements. More than 4,000 personnel work at the installation and operate its worldwide network of more than 40 forward repair activities, including presence in Southwest Asia.

In 2012, the depot earned its seventh Shingo Prize for Operational Excellence and as of 2019, has earned six Army Lean Six Sigma Excellence Awards.

Among its most notable accomplishments, Tobyhanna has earned two Chief of Staff of the Army Maintenance Excellence Awards for Depot Maintenance and two Army Superior Unit Awards. Tobyhanna is the first military installation and third organization of any type in the world to achieve certification to both Aerospace Standard (AS) 9100 Revision C and AS9100 Revision A.

The depot also holds certification for the ISO 14001:2004

## TOBYHANNA ARMY DEPOT Continued



Electronics Mechanic Helper Obioro Igwilo performs the final acceptance test on the AN/GRC-245 High Capacity Lines of Sight Radio while working in Tobyhanna Army Depot's Electronics Maintenance Enclosure. The radio is used in the AN/TRC-190 Communications Shelter. (U.S. Army photo by Tom Robbins)

Environmental Management System and is the first in DOD to attain the 45001 Occupational Health and Safety.

### CAPABILITIES & MISSION EXECUTION

The Army has designated Tobyhanna as its Center of Industrial and Technical Excellence for C4ISR, avionics, and missile guidance and control.

The Air Force has designated Tobyhanna as its Technical Repair Center for tactical missiles and rigid wall shelters and portable buildings.

TYAD's talented workforce, high level of electronics expertise, and use of the latest technologies and business management techniques ensure the depot is the provider of choice for fabrication, electronic repair, engineering design, systems integration, technology insertion, automated test equipment and technical documentation development of the DOD's joint C5ISR systems as well as missile guidance and control systems.

TYAD projects its capabilities forward to posts, camps, stations and remote operating bases worldwide, ensuring operational readiness for the warfighter.

TYAD personnel provide two-level maintenance

on systems such as improvised explosive device countermeasures, logistics information systems, tactical operations centers, Army airborne command and control, Guardrail Common Sensor, Firefinder, Common Ground Station, tactical unmanned aerial vehicles and communication security equipment at sites throughout Europe, Southwest Asia, Korea, Okinawa, Japan, and the continental U.S.

### INDUSTRIAL SKILLS & FACILITIES

#### Avionics/Intelligence Electronic Warfare Systems

TYAD overhauls, repairs, tests, modifies, converts, demilitarizes and provides technical assembly and installation for airborne and electronic warfare systems and associated equipment for the joint warfighter.

Electronic instruments and electronic integrated system mechanics provide an array of expertise in airborne communications/instrumentation/gyro, inertial and Doppler navigation, and airborne and ground countermeasures systems.

#### Command, Control and Computer Systems

TYAD repairs, tests, overhauls, integrates and modifies:

- Computerized equipment/peripherals
- Test Measurement & Diagnostic Equipment
- Telecommunications equipment
- Automated Test Equipment (ATE)
- Tactical artillery systems
- Associated fire control systems
- Computerized equipment/peripherals
- Test Measurement & Diagnostic Equipment
- Telecommunications equipment
- Tactical artillery systems
- Associated fire control systems.
- Electro-Optics/Night Vision (EO/NV)

TYAD overhauls, repairs, modifies, tests and installs EO/NV systems, laser and infrared components, and systems. EO/NV specialized facilities include three 10,000 Class clean rooms and eight 100,000 Class clean rooms. Various automated test equipment (ATE) supports the EO/NV mission area. The Automated Laser Instrumentation and Measurement System Test Station provide diagnostics and alignments on laser modules, M1 Tank Thermal Receiving Unit, M60 tank



Electronics Worker Christy Van Vliet solders connectors for hundreds of electronics assembly systems in support of the 8th Army in the Republic of Korea (ROK). The assemblies will establish radio interoperability between U.S. and Korean forces to ensure secure communication between allies and enhance battlefield readiness. The assemblies enable radio transmissions between the U.S. Single Channel Ground and Airborne Radio System and the ROK PRC 999K tactical combat radio system. (U.S. Army photo by Jim Lentz)

laser systems, Bradley Fighting Vehicle subassemblies and night vision goggles. The integrated family of test equipment, Agilent/HP3070 Systems and Drive-in Theater Manufacturing Company Test Stations are additional test equipment integral to supporting the EO/NV mission.

#### Radar Systems and Equipment

TYAD performs overhaul, repair, test, modification, conversion, technical assembly and installation, as well as worldwide mobile depot maintenance, technical assistance and fielding of air defense, air traffic control, range threat, counterfire, ground surveillance, airborne, shipborne radar and sensor systems. This work supports the Army, Air Force, Marine Corps, Navy and FMS customers.

The Integrated Antenna and Radar Range Campus provides sophisticated test capabilities for radar systems with distinct radar test sites.

The multiple test pads, specialized support facilities and equipment are listed below:

- Anechoic Chambers

- Near Field and Far Field Ranges
- Tower Track Testing Facility
- Live Fire Test Simulator
- Protective Radome
- Modified Munson Road Shake and Vibration Testing
- Elevated Temperature Burn Facility
- Rain Immersion Testing Facility

Advanced ATE verifies analog and digital circuit cards, radio frequency and microwave components, modules and subsystems, and testing from L band to Ku band.

#### Satellite Communications (SATCOM)

TYAD performs overhaul, repair, alignment, modification, test system/site integration, orientation training and technical field support to include worldwide installation and de-installation of tactical and strategic military SATCOM employed in fixed and mobile configurations. Dedicated facilities support the SATCOM missions such as the SATCOM mission facility, military strategic tactical radar support facility, tactical/strategic terminal test sites, tactical antenna repair facility, strategic antenna alignment & repair facility, anechoic chamber, Digital Communications Satellite Subsystem (DCSS) prototype room, and DCSS staging tactical end item repair facilities.

#### Tactical Missile Systems

TYAD has full capability to overhaul, modify, test and repair missile guidance control sections and support equipment. Tobyhanna's Tactical Missile Facility is DOD Explosives Safety Board certified, environmentally controlled, and contains Class 300,000, 10,000 and 1,000 clean rooms. Additionally, the entire Tactical Missile Facility is lightning protected, secured with restricted access, and has had a Navy-approved Hazards of Electromagnetic Radiation to Ordnance survey completed.

### FIND OUT MORE

**Tobyhanna Army Depot**

**11 Hap Arnold Boulevard**

**Tobyhanna, PA 18466**

**www.tobyhanna.army.mil**

**usarmy.RIA.asc.list.pa@mail.mil**

**f /TeamTobyhanna**

**t /@teamtobyhanna**



# U.S. ARMY INSTALLATION MANAGEMENT COMMAND

**U.S. Army Installation Management Command (IMCOM) is “the Army's home — serving the rugged professional.” IMCOM manages the day-to-day operations of Army communities by providing security, protection, emergency response, housing, public works, parks and recreation, and childcare.**

#### PRIORITIES

- **Readiness:** Ensuring facilities that enable speed of assembly and deployment by effectively prioritizing projects, programs and services.
- **Support to Training:** Integrating and delivering services that enable demanding and realistic training to ensure Soldiers are trained and ready to win in a complex world.
- **Infrastructure:** Addressing urgent infrastructure challenges.
- **Soldier Programs:** Initiatives and services that improve readiness and resilience of individual Soldiers.
- **Family Programs:** Programs and services designed to improve readiness and resilience of Army families, allowing Soldiers to focus on their military occupations.

#### INTRODUCTION

Headquartered at Joint Base San Antonio-Fort Sam Houston, Texas, IMCOM integrates and delivers base support, enabling readiness for a globally responsive Army. IMCOM executes mission command through five directorates located around the globe: IMCOM-Europe, IMCOM-Pacific, IMCOM-Readiness, IMCOM-Sustainment and IMCOM-Training. Additionally, U.S. Army Environmental Command is a brigade-level command assigned to IMCOM.

IMCOM's global workforce of 53,000 civilian professionals and 1,600 active-duty Soldiers operate 75 installations across 17 time zones, delivering 58 services to the Soldiers, Department of the Army Civilians and families who live, work and train in 12 countries. IMCOM honors the sacrifice and service of military families while serving as the foundation of readiness in the Strategic Support Area.

#### CAPABILITIES & MISSION EXECUTION

IMCOM is a supporting command that executes a \$10 billion annual budget to enable training, execute strategic power projection, and sustain Soldier and family readiness. IMCOM enables the Army to provide and deploy trained and ready Soldiers around the world while caring for their families

ABOVE: A U.S. Soldier makes his way through an obstacle course during the Installation Management Command, Directorate-Europe's (IMCOM-E) Best Warrior Competition 2020. (U.S. Army photo by Jason Johnston)



LEFT: Army leaders ask a military family to respond to a survey as part of an Army-wide effort to resolve inadequate housing on installations. (U.S. Army photo)



RIGHT: Spc. ShaTyra Reed, a public affairs mass communication specialist with the 22nd Mobile Public Affairs Detachment, XVIII Airborne Corps Headquarters and Headquarters Battalion, plays with her daughter, Amore Cox, in Fayetteville, N.C., April 25, 2019. Reed, who has served in the Army for five years, said that one of her key reasons for serving in the military is how well the Army helps her provide for her family. (U.S. Army photo by Pfc. Hubert D. Delany III)

back home. IMCOM's ability to prioritize resources toward key installation readiness drivers is critical to the Army's success in modernization, mobilization, training, deployment and combat operations. IMCOM constantly seeks to optimize program and service delivery to ensure the most efficient use of resources in support of Army priorities.

#### HISTORY

In an effort to standardize its garrisons, the Army created the Installation Management Agency (IMA) in October 2002. Using an enterprise approach, IMA removed the burden of base support from 15 major commands. This brought uniformity to the facilities and services of 184 installations worldwide. In 2006, the Army accomplished its installation management mission for \$4.5 billion less than it cost in 2003.

Recognizing the complexity and importance of the IMCOM mission, the Secretary of the Army made the decision in the fall of 2015 to separate the positions of the Assistant Chief of Staff for Installation Management (ACSIM) and IMCOM Commanding General; and as a result, IMCOM became an independent command reporting directly to the Chief of Staff of the Army.

Within a year, IMCOM transformed its two continental U.S. geographic regions into three functional directorates aligned and collocated with their supported Army Commands (U.S. Army Forces Command, U.S. Army Training and Doctrine Command and AMC). The two IMCOM directorates outside the continental U.S. (Europe and the Pacific) remain aligned with their

supported Army Service Component Command.

As part of the Army Installation Management Reform Initiative in January 2019, the Secretary of the Army made the decision to realign IMCOM to AMC as a major subordinate command with an effective date of March 1, 2019. The synergies and unity of command created by this realignment strengthen the Strategic Support Area for Multi-Domain Operations and enhance readiness and the well-being of Soldiers, families and civilians.

The role of the senior and garrison commanders at installations has not changed, and they maintain their respective mission and command responsibilities for installation and garrison functions.

Army senior leaders recognize a solemn obligation to take care of Soldiers and their families. The Army's quality of life initiative focuses on five key areas, four of which are managed by IMCOM: housing, spouse employment, child care, and PCS moves.

#### FIND OUT MORE

**U.S. Army Installation Management Command**

**2405 Gun Shed Road**

**Fort Sam Houston, TX 78130**

<https://home.army.mil/imcom>

 [@ArmyIMCOM](https://twitter.com/ArmyIMCOM)

 [@InstallationMgt](https://www.youtube.com/@InstallationMgt)

 [/photos/imcom](https://www.instagram.com/photos/imcom)

# U.S. ARMY ENVIRONMENTAL COMMAND

LOCATION  
• Fort Sam Houston, Texas



U.S. Army Environmental Command performs appropriate, cost-effective cleanup at active installations Army-wide to ensure the property is both safe for installation use and protective of human health and the environment. (U.S. Army photo)

**U.S. Army Environmental Command (AEC)**, a subordinate command of IMCOM, is headquartered at Joint Base San Antonio-Fort Sam Houston, Texas. AEC delivers technical services to Army installations globally and provides environmental expertise, and program and project management on compliance, conservation, restoration and pollution prevention activities.

## INTRODUCTION

The AEC story began in 1972 when the Army created the program manager for demilitarization of chemical materiel to manage the day-to-day operations of destroying the nation's stockpile of toxic chemical agents and munitions. Over the years, AEC's role has expanded to include many new responsibilities around the world. Through all the changes, the command's mission of ensuring maximum use of Army training lands through sound environmental practices and stewardship remains.

## CAPABILITIES & MISSION EXECUTION

AEC provides environmental expertise, program management and project management in:

- Compliance
- Conservation
- Restoration
- Pollution Prevention

The AEC staff comprises of specialists in a variety of fields including archeologists, biologists, chemists, ecologists, air quality specialists, civil and mechanical engineers, entomologists, environmental attorneys, environmental planners and scientists, foresters, geographers, geologists, microbiologists, natural resources specialists, physical scientists, physicists, range scientists and toxicologists. The organization also includes support staff such as business analysts, human resources specialists, communication specialists, information technology specialists, logisticians and others. The common thread in all specialties is a commitment to delivering environmental solutions in support of Army readiness and sustainability.

AEC works with installations to develop, implement and maintain programs for the conservation, utilization, and rehabilitation of natural resources on 13.6 million acres spread across 156 installations, with more than 12,500 operational ranges, 2.5 million acres of forest and 1.3 million acres of wetlands. This includes responsibility



LEFT: Damon Cardenas, program manager for the AEC's National Defense Center for Energy and Environment, examines a stainless steel alloy plate that has been treated with citric acid passivation and run through a salt fog test at Corpus Christi Army Depot in Texas. This project validated a lower cost, more environmentally friendly process for increasing corrosion resistance for metals used in Army weapons systems. (U.S. Army photo by Troy Darr)

BELOW: U.S. Army Environmental Command assessors Bobby McGough, Phi Dang and Tim Rodeffer evaluate a spill kit at an installation refueling point on Rhine Ordnance Barracks as part of the Environmental Performance Assessment and Assistance System audit. The triennial assessment identifies and mitigates environmental issues and risks to training and operations. (U.S. Army photo by Mary Ann Davis)

for protecting 254 federally endangered species on 125 installations, as well as two candidate species on 16 installations, which could impact Army missions.

AEC supports Army installations and training by helping ensure the Army uses a solid science and engineering base in developing sustainable environmental technologies. It also ensures Army technology developers focus on the highest priority user needs in support of the environmental strategy. AEC helps commands actively promote mission readiness by continually assessing and upgrading environmental performance across Army installations.

The command works with installations to enable Soldier readiness and sustainable military communities while ensuring compliance with laws and regulations designed to protect human health and the environment.

## FIND OUT MORE

**U.S. Army Environmental Command**

**2455 Reynolds Road, Building 2266**

**JBSA-Fort Sam Houston, TX 78234**

<https://aec.army.mil>

[@usaec](https://twitter.com/usaec)



# U.S. ARMY INSTALLATION MANAGEMENT COMMAND DIRECTORATES

## DIRECTORATES

- Europe
- Pacific
- Readiness
- Sustainment
- Training



U.S. Soldiers assigned to Headquarters and Headquarters Company, 1st Battalion, 3rd Aviation Regiment, 12th Combat Aviation Brigade, conduct zeroing and qualification with an M4 rifle at the Engagement Skills Trainer at Katterbach Army Airfield, Germany. (U.S. Army photo by Charles Rosemond)

## INTRODUCTION

IMCOM is organized into five directorates, which serve as the intermediate echelon between IMCOM headquarters and the garrison. There are two directorates outside the continental U.S. based on geographical support, and three directorates in the continental U.S. supporting Army functionality.

## IMCOM-EUROPE

IMCOM-Europe, based in Germany, supports U.S. Army Europe with garrisons in Belgium, Germany and Italy, as well as forward locations in Bulgaria and Romania. IMCOM's mission in Europe is to provide the best possible training facilities, power projection platforms, family housing and base operations support services. By enabling tactical units in Europe to focus on operations, training, and deployments, Soldiers may deploy with the assurance that their loved ones are well cared for.

Army garrisons in IMCOM-Europe include:

- Belgium: Benelux
- Germany: Ansbach, Bavaria, Rheinland-Pfalz, Stuttgart, Wiesbaden
- Italy: Vicenza



A multicultural spouses exchange offers a chance to taste a variety of dishes such asпельмени (pelmeni), Russian dumplings, arroz con gandules, Puerto Rican rice with pigeon peas, or chicken enchiladas, all during the same meal. Sponsored by Army Community Service at USAG Italy in Vicenza, the quarterly event encourages people to meet and share a special dish and recipe. (U.S. Army photo by Laura Kreider)

## FIND OUT MORE

<https://home.army.mil/imcom-europe>

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[t](#) @IMCOMEurope



Paratroopers of the 4th Infantry Brigade Combat Team (Airborne), 25th Infantry Division, U.S. Army Alaska, demonstrate a joint forcible entry into Andersen Air Force Base, Guam. The Army's airborne brigade provides the joint force the capability to rapidly deploy to and seize contested territory. (U.S. Air Force photo by Staff Sgt. Divine Cox)

## IMCOM-PACIFIC

IMCOM-Pacific, with headquarters at Fort Shafter, Hawaii, supports U.S. Army Pacific Command. IMCOM invests resources in support of U.S. and Republic of Korea national interests on the Korean Peninsula to strengthen partnerships and deter potential aggression. The directorate's workforce of military, civilians, local nationals and contractors serve more than 105,000 Soldiers and families.

Army garrisons in IMCOM-Pacific include:

- Alaska: Greely, Joint Base Elmendorf-Richardson, Wainwright
- Hawaii: Pohakuloa, Schofield Barracks, Shafter
- Japan: Okinawa, Zama
- Marshall Islands: Kwajalein Atoll
- South Korea: Daegu, Humphreys, Red Cloud, Yongsan

## FIND OUT MORE

<https://home.army.mil/imcom-pacific>

[f](#) /IMCOMPAC



U.S. military firefighters use a dummy to demonstrate how they would help a medical casualty during a demonstration of hands-on rescue training at Camp Zama, Japan. (U.S. Army photo by Winifred Brown)

# U.S. ARMY INSTALLATION MANAGEMENT COMMAND DIRECTORATES Continued



LEFT: Spc. Christopher Diak, a military working dog handler with 93rd Military Working Dog Detachment, 385th Military Police Battalion, gets a congratulatory hug from his MWD, Alan, after completing obedience training on Fort Stewart, Ga. (U.S. Army photo by Spc. Jason Greaves)

RIGHT: The Civilian Logistics Management Office spearheaded an initiative to create videos highlighting the Army Logistics Corps. A video team at Rock Island Arsenal Joint Manufacturing and Technology Center created films about the Army Logistics Enterprise's current and future mission and capabilities. (Photo by Debralee Best)

## IMCOM-READINESS

IMCOM-Readiness, based at Fort Bragg, North Carolina, supports Forces Command and Army Reserve Command. It is where Soldiers come together as combat units to train collectively and generate overwhelming lethality. They then go on to combat training centers where they rehearse their skills in simulated combat, to validate that the Army is better than any other army in the world.

Army garrisons in IMCOM-Readiness include:

- Fort Bliss, Texas
- Fort Bragg, North Carolina
- Fort Buchanan, Puerto Rico
- Fort Campbell, Kentucky
- Fort Carson, Colorado
- Fort Dix (Army Support Activity), New Jersey/Devens RFTA, Massachusetts
- Fort Drum, New York
- Fort Hood, Texas
- Fort Irwin, California
- Fort McCoy, Wisconsin

- Fort Polk, Louisiana
- Fort Riley, Kansas
- Fort Stewart/Hunter Army Airfield, Georgia
- Hunter Liggett/Parks RFTA, California
- Joint Base Lewis-McChord, Washington
- White Sands Missile Range (Army Test and Evaluation Command), New Mexico

## IMCOM-SUSTAINMENT

IMCOM-Sustainment, based at Redstone Arsenal, Alabama, directly supports AMC, Military District of Washington, U.S. Army Medical Command and U.S. Southern Command. IMCOM-Sustainment provides the facilities where the Army develops munitions that make Soldiers more lethal, designs the vehicle technologies that give Soldiers the edge and tests weapons before putting them in Soldiers' hands.

Army garrisons in IMCOM-Sustainment include:

- Aberdeen Proving Ground, Maryland
- Adelphi, Maryland
- Detroit, Michigan



Staff Sgt. Tamara Burns, a Company B, 2nd Battalion, 48th Infantry Regiment, drill sergeant, awaits an answer after asking a new Soldier a question during company fill at Fort Leonard Wood, Mo. (U.S. Army photo by Stephen Standifird)

- Dugway, Utah
- Fort A.P. Hill, Virginia
- Fort Belvoir, Virginia
- Fort Detrick, Maryland
- Fort George G. Meade, Maryland
- Fort Sam Houston Army Support Activity, Texas
- Joint Base Myer-Henderson Hall, Washington, D.C.
- Miami, Florida
- Natick, Massachusetts
- Picatinny Arsenal, New Jersey
- Redstone Arsenal, Alabama
- Rock Island Arsenal, Illinois
- Soto Cano, Honduras
- Yuma, Arizona

## IMCOM-TRAINING

IMCOM-Training, based at Joint Base Langley-Eustis Virginia, directly supports U.S. Army Training and Doctrine Command, the U.S. Military Academy, Fort Hamilton and the Army War College. IMCOM-Training provides the garrisons that are the foundation of readiness. It is where the Army brings volunteers for the

first time and makes Soldiers out of them.

Army garrisons in IMCOM-Training include:

- Fort Benning, Georgia
- Fort Gordon, Georgia
- Fort Hamilton, New York
- Fort Huachuca, Arizona
- Fort Jackson, South Carolina
- Fort Leavenworth, Kansas
- Fort Lee, Virginia
- Fort Leonard Wood, Missouri
- Fort Knox, Kentucky
- Fort Rucker, Alabama
- Fort Sill, Oklahoma
- Fort Story Army Support Activity, Virginia
- Joint Base Langley-Eustis Army Support Activity, Virginia
- Presidio of Monterey, California
- U.S. Military Academy at West Point, New York

## FIND OUT MORE

<https://home.army.mil/imcom>



# JOINT MUNITIONS COMMAND

**J**oint Munitions Command (JMC) provides the joint forces with ready, reliable, lethal munitions to sustain worldwide readiness.

#### CORE COMPETENCIES

- Conventional Ammunition Production
- Conventional Ammunition Storage
- Conventional Ammunition Distribution (Receipt/Issue)
- Conventional Ammunition Demilitarization

#### FIND OUT MORE

Joint Munitions Command

2695 Rodman Avenue

Bldg. 350, Room 563

Rock Island Arsenal, IL 61299-5000

(309) 782-1514

[www.jmc.army.mil](http://www.jmc.army.mil)

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#### INTRODUCTION

Headquartered at Rock Island Arsenal, Illinois, JMC manages a complex munitions enterprise comprised of installations and depots where conventional munitions are produced, stored, distributed and demilitarized.

#### JMC Production Facility Locations:

- Crane Army Ammunition Activity, Crane, Indiana
- Holston Army Ammunition Plant, Kingsport, Tennessee
- Iowa Army Ammunition Plant, Middletown, Iowa
- Lake City Army Ammunition Plant, Independence, Missouri
- McAlester Army Ammunition Plant, McAlester, Oklahoma
- Pine Bluff Arsenal, Pine Bluff, Arkansas
- Quad City Cartridge Case Facility, Rock Island, Illinois
- Radford Army Ammunition Plant, Radford, Virginia
- Scranton Army Ammunition Plant, Scranton, Pennsylvania

JMC storage and distribution facilities ensure the availability of a ready and reliable munitions stockpile through optimizing the receipt, storage and issue of training and combat munitions. Every bullet, bomb and grenade warfighters use in training and combat is managed by JMC.

#### JMC Storage and Distribution Facility Locations:

- Anniston Munitions Center, Anniston, Alabama



ABOVE: A Crane Army Ammunition Activity (CAAA) employee transports MK 84 2000-pound bombs for distribution to Warfighters. CAAA specializes in conventional munitions support for U.S. Army and Joint Force readiness, including storage, quality control, shipment preparation, distribution, production and demilitarization. (U.S. Army photo by Hayley Smith)

BELOW: Contractor employees at Hawthorne Army Depot lower obsolete ammunition stockpile items into a belt flaker as a part of the decontamination and demilitarization process at HWAD. (U.S. Army photo)

- Blue Grass Army Depot, Richmond, Kentucky
- Crane Army Ammunition Activity, Crane, Indiana
- Hawthorne Army Depot, Hawthorne, Nevada
- Letterkenny Munitions Center, Chambersburg, Pennsylvania
- McAlester Army Ammunition Plant, McAlester, Oklahoma
- Tooele Army Depot, Tooele, Utah

JMC demilitarization facilities safely and securely disable, decontaminate and destroy excess, outdated and inoperable ammunition.

#### JMC Demilitarization Facility Locations:

- Anniston Munitions Center, Anniston, Alabama
- Blue Grass Army Depot, Richmond, Kentucky
- Crane Army Ammunition Activity, Crane, Indiana
- Hawthorne Army Depot, Hawthorne, Nevada
- Letterkenny Munitions Center, Chambersburg, Pennsylvania
- McAlester Army Ammunition Plant, McAlester, Oklahoma
- Chemical Materials Activity - Pueblo Chemical Depot, Pueblo, Colorado

- Chemical Materials Activity - Blue Grass Chemical Activity, Richmond, Kentucky

JMC employs 21 military personnel, more than 5,000 Army civilian personnel and more than 6,000 contractors nationwide throughout the organic industrial base. JMC's processes provide for the efficient delivery of ammunition at the right place and time to support global operations. JMC positions munitions around the world to facilitate rapid transition to armed conflict and support combatant commander requirements.



ABOVE: A Tooele Army Depot (TEAD) employee loads containers with ammunition to be inspected, sealed and placed on rail cars. TEAD provides lethality through the proficient receipt, storage, demilitarization and renovation of conventional ammunition. TEAD is keenly positioned to support combatant commander requirements for implementing strategic power projection advantage. (U.S. Army photo)

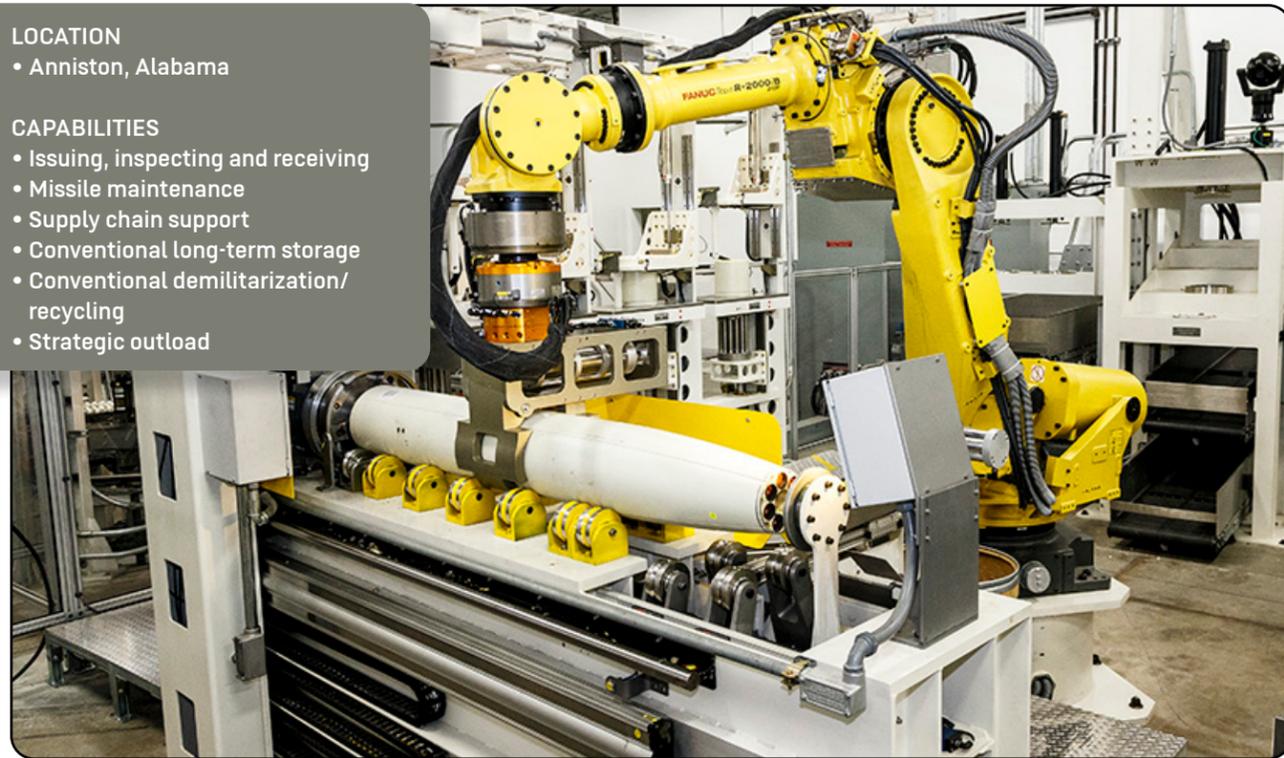
# ANNISTON MUNITIONS CENTER

## LOCATION

- Anniston, Alabama

## CAPABILITIES

- Issuing, inspecting and receiving
- Missile maintenance
- Supply chain support
- Conventional long-term storage
- Conventional demilitarization/recycling
- Strategic outload



Anniston Munitions Center provides the ability to demilitarize products with its state-of-the-art Multiple Launch Rocket System recycle facility. This one-of-a-kind facility allows for the safe demilitarization and subsequent recycling of MLRS rockets, which supports the Army's munitions demilitarization strategy, as well as providing a positive economic impact to the local community. (U.S. Army photo)

**Anniston Munitions Center (ANMC)** provides timely and accurate receipt, storage, issue and demilitarization of conventional ammunition and missiles in support of America's joint warfighters.

## HISTORY

The Anniston Ordnance Depot was established in 1941. In 1952, the depot was assigned a maintenance mission for the overhaul and repair of combat vehicles. In 1962, the installation was renamed Anniston Army Depot (ANAD) and became part of AMC. In October 1998, operational control of ANAD was transferred to Tank-automotive and Armaments Command. At the same time, the ammunition mission and resources were renamed Anniston Munitions Center. ANMC became a tenant of ANAD and officially came under the full command and control of Blue Grass Army Depot (BGAD) in Richmond, Kentucky. In 2004, ANMC received its first on-site military commander, and remains an integral part of the JMC munitions enterprise today as a government-owned, government-operated installation.

## STATISTICS & FACILITIES

In fiscal year 2019, ANMC had a payroll of approximately \$12.2 million. ANMC is housed on more than 13,000 acres with 39 buildings, more than 1,120 igloos and has a storage capacity of 2 million square feet.

## FIND OUT MORE

**Anniston Munitions Center**

**ATTN: AMSTA-AN-PA**

**7 Frankford Avenue**

**Anniston, AL 36201-4199**

**(256) 235-6281**

<http://www.jmc.army.mil/Installations.aspx?id=Anniston>

[f /AnnistonMunitionsCenter](https://www.facebook.com/AnnistonMunitionsCenter)

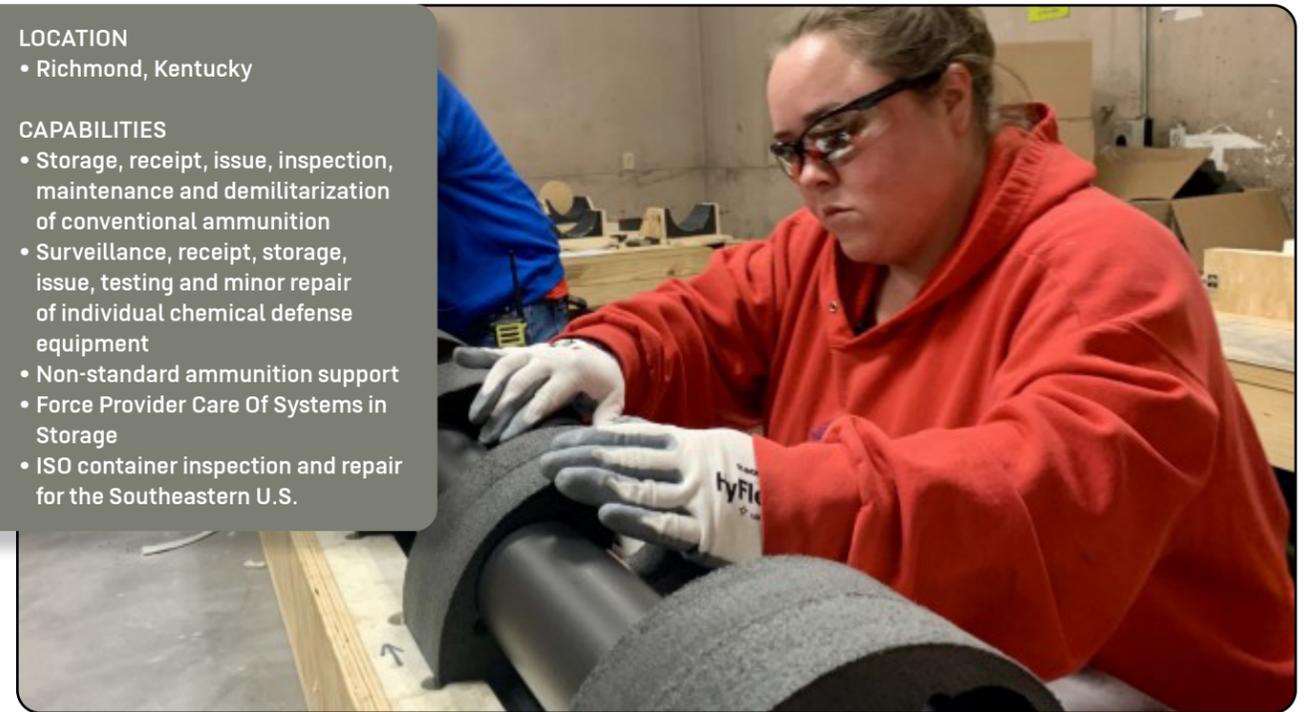
# BLUE GRASS ARMY DEPOT

## LOCATION

- Richmond, Kentucky

## CAPABILITIES

- Storage, receipt, issue, inspection, maintenance and demilitarization of conventional ammunition
- Surveillance, receipt, storage, issue, testing and minor repair of individual chemical defense equipment
- Non-standard ammunition support
- Force Provider Care Of Systems in Storage
- ISO container inspection and repair for the Southeastern U.S.



Explosives material handlers assemble a new static dissipative plastic and foam insert before placing it into one of the renovated Advanced Precision Kill Weapon System containers at Blue Grass Army Depot (BGAD). BGAD has a contract with the Joint Attack Munitions Systems project office to renovate more than 1,500 APKWS containers. (U.S. Army photo by Sgt. 1st Class Rebecca Wood)

**Blue Grass Army Depot (BGAD)** provides America's joint warfighters with reliable, timely and cost-effective munitions and chemical defense equipment in support of full-spectrum military operations and safeguards the remainder of the national chemical weapons stockpile until demilitarization is complete. BGAD is home to Blue Grass Chemical Activity (BGCA), which is responsible for the safe and secure storage of BGAD's chemical weapons stockpile, as well as Blue Grass Chemical Agent-Destruction Pilot Plant, which is responsible for the safe and environmentally-sound destruction of the BGAD chemical weapons stockpile.

## HISTORY

BGAD is located in Richmond, Kentucky, and is a 15,000-acre (23 square miles) multifunctional installation. BGAD was established in 1941 and began operation as an ammunition and general supply storage depot. In operation since 1942, the primary mission has been storing, receiving, issuing, inspecting, maintaining and demilitarizing conventional munitions. In 1964, the depot merged with the Lexington Signal Depot and became Lexington-Blue Grass Army Depot. The Lexington

facility was closed under the 1995 Base Realignment and Closure (BRAC). In 1999, the Richmond facility was renamed the Blue Grass Army Depot. BGAD is a government-owned, government-operated installation.

## STATISTICS & FACILITIES

In fiscal year 2019, BGAD had a payroll of \$63.8 million. BGAD is housed on more than 15,000 acres with 1,228 buildings, more than 900 earth-covered magazines (ECMs) and has a storage capacity of 3.2 million square feet. It also has 174 miles of roadway, 101 miles of fencing and 41 miles of railroad.

## FIND OUT MORE

**Blue Grass Army Depot**

**431 Battlefield Memorial Hwy.**

**Richmond, KY 40475**

**(859) 779-6941**

<https://www.bluegrass.army.mil>

[f /Bluegrassarmydepot](https://www.facebook.com/Bluegrassarmydepot)

[y /BGADPAO](https://www.youtube.com/channel/UCBQADPAO)



# HOLSTON ARMY AMMUNITION PLANT

## LOCATION

- Kingsport, Tennessee

## CAPABILITIES

- Production and development of explosives
- Synthesis and manufacture of high explosives
- Recrystallization and purification from organic solvents
- Melt-cast, cast-cured, pressed and extruded explosives formulation
- Explosives performance testing
- Full-spectrum explosives research and development capability
- Custom and fine chemical manufacture for the defense industry
- Research and Development programs for explosives



A contractor employee for Holston Army Ammunition Plant works with Coated Composition C-4 that has been dried and allowed to cool before being packaged and shipped to the customer to support Mine Clearing Line Charge and/or M112 Army programs. (U.S. Army photo)

## Holston Army Ammunition Plant (HSAAP)

manufactures a wide range of explosives for Department of Defense. HSAAP is a government-owned, contractor-operated installation. The current contractor is BAE Systems and its contract ends in December 2023.

## HISTORY

In January 1942, the Tennessee Eastman Corporation began construction of a pilot plant for the manufacture of Research Department Explosive (RDX) and a pilot plant for production of Composition B (a mixture of RDX, TNT and wax).

In June 1942, Tennessee Eastman began design and construction work on a plant for large-scale production of RDX and Composition B. The plant consisted of two areas four miles apart on the Holston River. Known then as the Holston Ordnance Works, it produced more than 858 million pounds of RDX and Composition B by the end of World War II.

In 1946, Holston Ordnance Works was placed in standby condition until April 1949. A wholly-owned Eastman Kodak subsidiary, the Holston Defense Corporation,

was organized for the purpose of reactivation in support of the Korean War. Holston Ordnance Works was re-designated as Holston Army Ammunition Plant in 1963 and has continued operations through present day.

## STATISTICS & FACILITIES

In fiscal year 2019, HSAAP government staff had a payroll budget of \$2 million. HSAAP is housed on more than 6,000 acres with over 430 buildings and 120 igloos, with explosive storage capacity of more than 202,900 square feet.

## FIND OUT MORE

ATTN: JMHS-AO

4509 West Stone Drive

Kingsport, TN 37660-1048

(423) 578-6285

<http://www.jmc.army.mil/Installations.aspx?id=Holston>

[f /HolstonAAP](https://www.facebook.com/HolstonAAP)

# IOWA ARMY AMMUNITION PLANT

## LOCATION

- Middletown, Iowa

## CAPABILITIES

- 120mm Tank High Explosive (HE) Load, Assemble and Pack (LAP)
- Tank training LAP
- 40mm high velocity family
- Insensitive munitions
- HE mortar melt/pour
- 105mm Artillery LAP
- Mortar prop charges
- Mortar ignition cartridges
- 75mm/105mm blank salute round
- Missile assembly/missile warheads
- Javelin/Hellfire/TOW/Sidewinder warheads
- M112 demo block and Mine-Clearing Line Charge (MCLIC)
- Test fire ranges and sites development



A contractor employee at Iowa Army Ammunition Plant performs a load, assemble and pack operation on a 155mm artillery round. (U.S. Army photo)

**Iowa Army Ammunition Plant (IAAAP)** produces and delivers component assembly and medium- and large-caliber ammunition items for the DOD, using modern production methods in support of worldwide operations. The current contractor is American Ordnance and its contract ends in December 2023.

## HISTORY

IAAAP was established in 1940, as the Iowa Ordnance Plant (IOP) and started production of bombs, mines, artillery shells and other munitions in 1941. Production stopped in 1945 when World War II ended.

In 1949, the IOP resumed its ammunition manufacturing mission in support of the Korean War and has remained active to present day. IOP transitioned to a government-owned, contractor-operated installation in 1951.

The plant was re-designated in 1963 as IAAAP. Production increased during the Vietnam War, and some of the plant was modernized in the 1970s.

IAAAP is currently undergoing line and facilities modernization to support the broadest portfolio of capabilities in the organic industrial base.

## STATISTICS & FACILITIES

In fiscal year 2019, IAAAP government staff had a payroll of \$2.1 million. IAAAP is housed on more than 19,000 acres with 460 buildings, 275 earth-covered magazines, 35 above-ground magazines, 37 inert warehouses and a total storage capacity of 1.6 million square feet. IAAAP is an intermodal facility with 143 miles of roads and 102 miles of railroad track.

## FIND OUT MORE

Iowa Army Ammunition Plant

ATTN: JMIA-CO

17571 DMC Highway 79.

Middletown, IA 52638-5000

(319) 753-7001

<http://www.jmc.army.mil/Installations.aspx?id=iowa>

[f /IowaArmyAmmunitionPlant](https://www.facebook.com/IowaArmyAmmunitionPlant)

# LAKE CITY ARMY AMMUNITION PLANT

## LOCATION

- Independence, Missouri

## CAPABILITIES

- Small-caliber ammunition manufacturing
- Components such as percussion and electric primer
- Pyrotechnics
- Stockpile reliability testing of small caliber ammunition
- North American regional test center in support of NATO compatibility testing
- Production of small- and medium-caliber links



A contractor employee at Lake City Army Ammunition Plant inspects 7.62mm rounds at LCAAP. (U.S. Army photo)

**Lake City Army Ammunition Plant (LCAAP)** provides quality small-caliber munitions to the joint warfighter. LCAAP also operates the NATO test center.

## HISTORY

LCAAP was established as the Lake City Ordnance Plant in 1940 as one of 12 small-caliber ammunition plants constructed in support of World War II. LCAAP has operated continuously, with the exception of the five years between WWII and the Korean War.

Over time, the other government-owned small-caliber ammunition plants have been deactivated. The installation was renamed the Lake City Army Ammunition Plant in 1963.

Through the 1970s, the small-caliber ammunition modernization program modernized certain production processes with high-speed, computer-controlled, automated production systems. The plant continued to modernize and increase efficiencies through the 1990s, but did not require a great production increase in support of Operations Desert Shield and Desert Storm.

After the 2001 terrorist attacks, workload increased significantly in support of Operations Enduring Freedom and Iraqi Freedom requirements. During this period, LCAAP established a link-production capability, while modernizing to reach an annual production capacity of 1.6 billion rounds. LCAAP is a government-owned, contractor-operated installation. Three operating

contractors have operated LCAAP since activation: Remington Arms Company, Inc. (1941-1985); Olin Corporation-Winchester Group (1985-1999) and Alliant Tech Systems, Inc. (now Northrop Grumman 1999-2020). Its contract ended in September 2020. Winchester Olin became LCAAP's operating contractor in October 2020.

## STATISTICS & FACILITIES

In fiscal year 2019, LCAAP government staff had a payroll budget of \$2.5 million. LCAAP is housed on more than 3,900 acres with 221 buildings, 81 magazines, 17 warehouses, more than 10 igloos and a storage capacity of 657,624 square feet.

## FIND OUT MORE

**ATTN: JMLC-AO**

**Bldg. 5, Junction of Hwy. 7 and 78**

**Independence, MO 64051-1000**

**(816) 796-7157**

<http://www.jmc.army.mil/Installations.aspx?id=LakeCity>

[f /LakeCityArmyAmmunitionPlant](https://www.facebook.com/LakeCityArmyAmmunitionPlant)

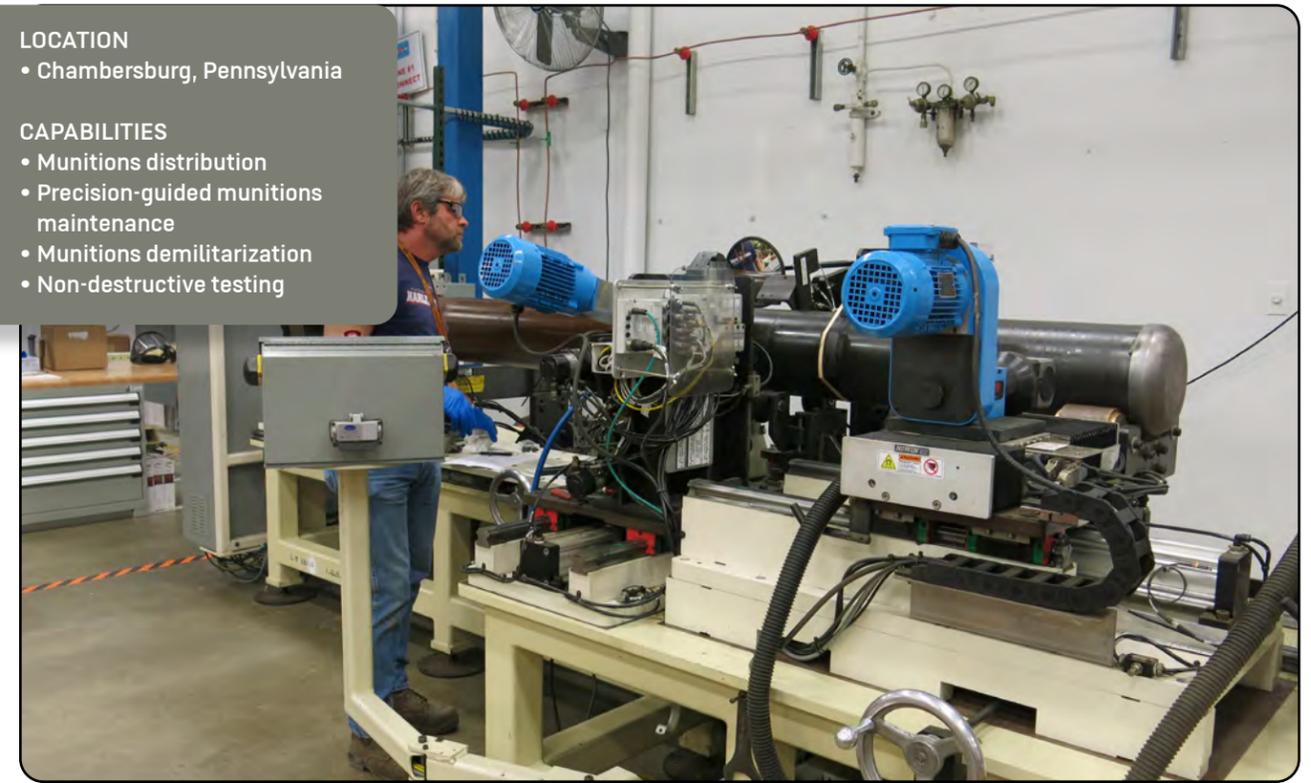
# LETTERKENNY MUNITIONS CENTER

## LOCATION

- Chambersburg, Pennsylvania

## CAPABILITIES

- Munitions distribution
- Precision-guided munitions maintenance
- Munitions demilitarization
- Non-destructive testing



A Letterkenny Munitions Center technician loads a Guided Multiple Launch Rocket System into a pod. LEMC is the U.S. Army's Center of Industrial and Technical Excellence for the Multiple Launch Rocket System family of munitions. (U.S. Army photo)

**Letterkenny Munitions Center (LEMC)**, located on Letterkenny Army Depot (LEAD), conducts regional and contingency distribution of munitions, precision-guided munitions maintenance and munitions demilitarization in support of all DOD and international partners to provide readiness to the joint warfighter. LEMC is a government-owned, government-operated installation.

## HISTORY

LEAD was established in 1941 as an ammunition and general supply storage depot. In 1961, its Directorate of Ammunition Operations began supporting Army air defense missiles and Air Force intercept missiles. In 1999, the Directorate of Ammunition Operations was renamed Letterkenny Munitions Center, and command and control was transferred to Crane Army Ammunition Activity. In 2016, the Secretary of the Army designated LEMC as the Center of Industrial and Technical Excellence for surveillance, receipt, storage, issue, testing and repair for the Army Tactical Missile System and Guided Multiple Launch Rocket System.

## STATISTICS & FACILITIES

In fiscal year 2019, LEMC had a payroll budget of \$29.8 million. LEMC occupies 16,000 of LEAD's 18,200 acres. Its facilities include more than 15 explosive operating buildings, 900 igloos, 10 storage magazines, 26 rail docks and 2.3 million square feet of storage capacity.

## FIND OUT MORE

**Letterkenny Munitions Center**

**ATTN: JMCN-MC**

**1 Overcash Avenue**

**Chambersburg, PA 17201-4150**

**(717) 267-9954**

[www.jmc.army.mil/Installations.aspx?id=Letterkenny](http://www.jmc.army.mil/Installations.aspx?id=Letterkenny)

[f /LetterkennyMunitionsCenter](https://www.facebook.com/LetterkennyMunitionsCenter)

# MCALESTER ARMY AMMUNITION PLANT

## LOCATION

- McAlester, Oklahoma

## CAPABILITIES

- Logistics support
- Demilitarization/disposal
- Renovation
- Mobile Ammunition Renovation, Inspection and Demilitarization Team
- Safety and environmental protection
- Research and Development
- Mobile railroad maintenance team

A McAlester Army Ammunition Plant explosives handler guides an MK82 general-purpose bomb body to be dried and cured. MCAAP uses high-intensity infrared light technology to dry and cure the bomb bodies after they are painted. (U.S. Army photo)

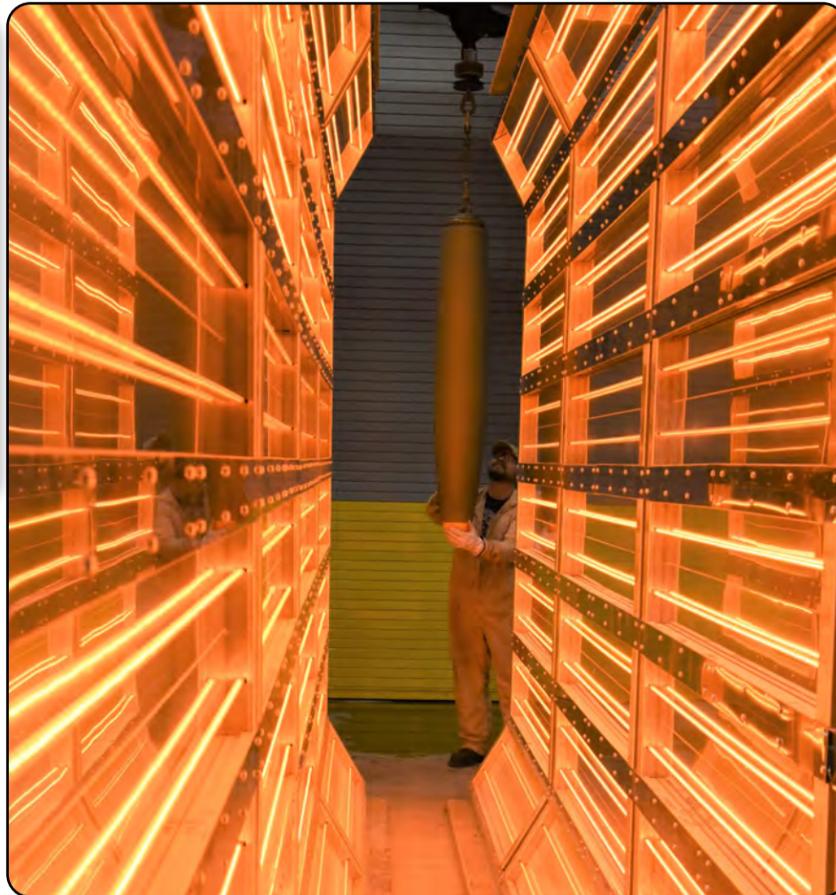
**McAlester Army Ammunition Plant (MCAAP)** receives, stores, ships, produces, renovates and demilitarizes conventional ammunition. MCAAP provides Centralized Ammunition Management for training ammunition and contingency stocks for Army units in the Southwest region. MCAAP is a government-owned, government-operated installation.

## HISTORY

In 1940, Congress responded to President Franklin D. Roosevelt's call for a Navy large enough to meet any potential combination of hostile forces and authorized the "Two Ocean Navy." To answer that demand, Naval Ammunition Depot-McAlester was commissioned to support western coastal facilities.

The depot was originally built and operated exclusively by, and for, the Navy. In 1943, the depot's mission was to produce, store and ship ammunition, bombs and mines for the Navy's ships and aircraft. In 1975, DOD issued a directive which assigned the Army as the Single Manager for Conventional Ammunition. In 1977, the depot was transferred to the Army and renamed the McAlester Army Ammunition Plant.

Under BRAC 2005 actions, MCAAP acquired the Sensor Fused Weapon and Missile Warhead production mission from Kansas Army Ammunition Plant. It also acquired



demilitarization, storage and maintenance missions from three other installations that were closed. Today, MCAAP is a unique, major multi-mission installation with all normal base functions.

## STATISTICS & FACILITIES

In fiscal year 2019, MCAAP had a payroll budget of \$148.7 million. MCAAP is housed on more than 44,900 acres with over 2,800 buildings, including more than 2,250 earth-covered magazines, 160 storage warehouses and storage capacity of 8.8 million square feet.

## FIND OUT MORE

**McAlester Army Ammunition Plant**

**1 C Tree Road**

**McAlester, OK 74501-9002**

**(918) 420-6591**

**[www.mcaap.army.mil](http://www.mcaap.army.mil)**

**[f](https://www.facebook.com/MCAAP) /MCAAP**

# PINE BLUFF ARSENAL

## LOCATION

- Pine Bluff, Arkansas

## CAPABILITIES

- Center of Industrial and Technical Excellence for chemical and biological defense equipment and for smoke ammunition
- AMC's designated laboratory for filter testing utilizing chemical warfare agent
- Chemical materiel surveillance program
- Critical manufacturing capability for decontamination products, individual and collective protection items
- Manufacturer of white/red phosphorus and pyrotechnic ammunition
- Textile production
- Machining, fabrication and assembly
- Load, assemble and pack of illuminating and infrared mortars
- Specialty ammunition products

A production worker with Pine Bluff Arsenal's Directorate of Ammunition Operations works on the M819 81mm red phosphorus smoke mortar load assemble and pack production line. (U.S. Army photo by Rachel Selby)

## FIND OUT MORE

**Pine Bluff Arsenal**

**10020 Kabrich Circle**

**Pine Bluff, AR 71602**

**(870) 540-3000**

**<http://www.pba.army.mil>**

**[f](https://www.facebook.com/AmericasArsenal) /AmericasArsenal**



**Pine Bluff Arsenal (PBA)** provides America's joint warfighter with specialized ammunition, smoke, and Chemical, Biological, Radiological and Nuclear defense capabilities through expert manufacturing, storage and logistics. PBA is a government-owned, government-operated arsenal.

## HISTORY

PBA was established in 1941 to manufacture and assemble incendiary grenades and munitions. The mission expanded to include production and storage of pyrotechnic, riot control and chemical-filled munitions.

In 2006, the Secretary of the Army designated PBA as the Center of Industrial and Technical Excellence (CITE) for Chemical and Biological Defense Equipment. In 2017, PBA received its second designation from the Secretary of the Army, declaring the Arsenal as a CITE for the manufacture of smoke-based ammunition.

The PBA was temporarily managed by the Chemical and Biological Defense Command, but transferred back under the Joint Munitions Command in 2007.

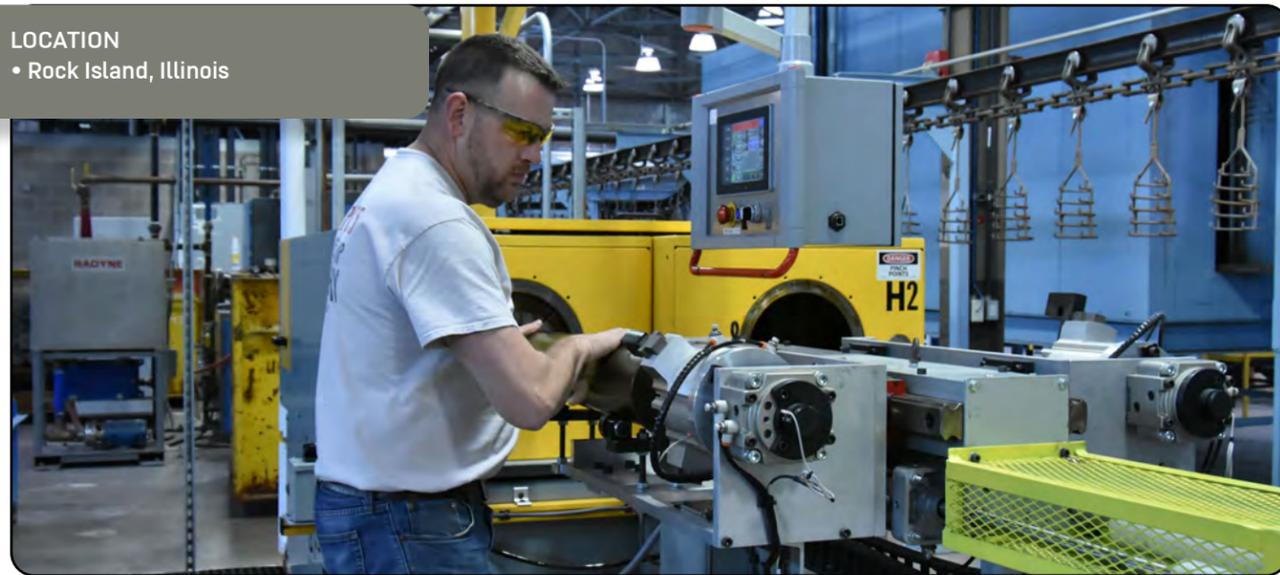
## STATISTICS & FACILITIES

In fiscal year 2019, PBA had a payroll budget of \$59.5 million.

PBA is housed on more than 13,450 acres with over 660 buildings, more than 270 storage igloos and 5,000 acres of developable land.

# QUAD CITY CARTRIDGE CASE FACILITY

LOCATION  
• Rock Island, Illinois



A U.S. Navy Indian Head employee loads obsolete MK9 cartridge cases as a part of the retrofitting process to recycle old cartridge cases into modernized MK109 versions to accommodate new propellant for the Navy. (U.S. Army photo by Dori Whipple)

The Quad City Cartridge Case Facility (QCCCF) is a state-of-the-art facility with deep-drawn technology that produces brass and steel cartridge cases. QCCCF has manufacturing capabilities for brass and steel cartridge cases ranging from 40mm through 155mm.

## HISTORY

The deep-drawn cartridge case production capability was located at the former Riverbank Army Ammunition Plant (RBAAP) in Riverbank, California. When RBAAP was closed through the BRAC in 2005, the brass and steel deep-drawn cartridge case's capabilities were relocated to Rock Island Arsenal, Illinois.

Prior to the movement of the facility, a stockpile of steel cartridge cases was created to mitigate potential risks associated with relocating the facility. The new facility was completed in 2011 and named the Quad City Cartridge Case Facility (QCCCF). In 2011, the entire production line was successfully tested and proven out in its new location.

From 2011-2014, the facility produced brass cartridge cases in support of DOD production requirements. Due to decreased procurements for brass cartridge cases and surplus steel cartridge cases, the QCCCF was laid away in 2014. The Naval Surface Warfare Center began the reactivation of QCCCF for research, development and production efforts in 2017, and as of

June 2019, all equipment within the QCCCF has been reactivated.

Currently, the Navy continues to prove-out the equipment with the production of Mk109 (a new version of the Mk9) and Army105mm tank steel cartridge cases. Due to COVID-19 concerns, the facility was temporarily closed to determine safe operating procedures. The facility has reopened and the Navy has revised their plans for "first article" testing of the Mk109 and has planned to start production during the fourth quarter of fiscal year 2020. Production requirements for the Mk109 must be met, as the stockpile is being depleted.

## FACILITIES

The QCCCF is located at the Rock Island Arsenal. The facility occupies 170,000 square feet of space. The QCCCF is a government-owned, government-operated facility.

## FIND OUT MORE

**Quad City Cartridge Case Facility**  
**ATTN: AMSJM-PCA**  
**2695 Rodman Ave.**  
**Rock Island, IL 61299**  
**(309) 782-8671**  
<http://www.jmc.army.mil/Installations.aspx?id=QCCCF>

# RADFORD ARMY AMMUNITION PLANT

LOCATION  
• Radford, Virginia

CAPABILITIES  
• Manufacturing propellant  
• Manufacturing propellant ingredients  
• Chemical, metrology and ballistics labs



A Radford Army Ammunition Plant employee weighs paste as a part of the production process of solventless propellant. (U.S. Army photo)

Radford Army Ammunition Plant (RFAAP) provides America's warfighters with superior performing propellants, energetics and munitions to enable engagement and destruction of targets with total confidence. RFAAP is a government-owned, contractor-operated installation.

## HISTORY

RFAAP was established in 1941 as two areas – a smokeless powder plant, Radford Ordnance Works, and a bag manufacturing and loading plant for artillery, cannon and mortar projectiles, New River Ordnance Works.

Each site operated separately through 1945. That year, the Radford Ordnance Works was renamed Radford Arsenal and the New River Ordnance Works became a subordinate post. In 1950, New River Ordnance Works (now known as the New River Unit) became an integral part of Radford Arsenal. The arsenal was renamed Radford Ordnance Plant in 1961, then Radford Army Ammunition Plant in 1963.

From 1941 to 1995, RFAAP was managed by Hercules, Inc., as the operating contractor. In 1995, Alliant Techsystems became the operating contractor, and

in 2012, BAE Systems was awarded the facilities use contract. Its contract ends January 2022.

## STATISTICS & FACILITIES

In fiscal year 2019, RFAAP government staff had a payroll budget of \$2.1 million. RFAAP is housed on more than 6,800 acres with over 980 buildings, more than 210 igloos/rest houses with a storage capacity of 645,000 square feet. RFAAP houses 14 Armament Retooling and Manufacturing Support tenants and one government tenant, the Acquisition, Logistics, and Technology Enterprise Systems and Services Data Center.

## FIND OUT MORE

**Radford Army Ammunition Plant**  
**Constitution Road**  
**Radford, VA 24141**  
**(540) 731-5785**  
<https://www.jmc.army.mil/Radford/RadfordDefault.aspx>  
[f /Radford-Army-Ammunition-Plant](#)  
[t /Radford\\_AAP](#)

# SCRANTON ARMY AMMUNITION PLANT

## LOCATION

- Scranton, Pennsylvania

## CAPABILITIES

- Large-caliber artillery projectiles from 105-155mm, and 5"/54 MK64
- Large mortar projectiles
- Multiple long stroke vertical hydraulic and mechanical forge press lines
- In-house metallurgy and metrology labs
- Multiple natural gas fired rotary hearth and electric induction furnaces
- More than 120 hydraulic tracer and Computer Numerical Controlled lathes
- Machining capability exceeding current ammunition manufacturing requirements
- In-house end-to-end production processes; no outsourcing requirements
- Multiple automated paint lines
- Multiple heat treat furnace systems that austenitize, quench and temper
- In-house large scale machine shop



**Scranton Army Ammunition Plant (SCAAP)** manufactures large-caliber metal projectiles and mortar projectiles for the joint warfighter. SCAAP is a government-owned, contractor-operated installation.

## HISTORY

The Scranton site was originally constructed as a steam-locomotive erecting and repair facility in 1908. SCAAP was established in 1953 and operated by the U.S. Hoffman Machinery Corporation until 1963 when Chamberlain Manufacturing Corporation became the operating contractor. In 2006, General Dynamics assumed operation of the facility. In November 2019, Medico Industries became the operating contractor. Its base contract ends January 2024.

## STATISTICS & FACILITIES

In fiscal year 2019, SCAAP government staff had a payroll budget of \$0.7 million. Contractor statistics are considered proprietary and are therefore unavailable. SCAAP is located on more than 15.3 acres consisting of several buildings with a manufacturing capacity of 495,000 square feet.

Scranton Army Ammunition Plant's nosing process is depicted as ammunition parts move on a conveyor to the heat-treating process. Nosing is the process where the open end of the cylindrical parts are formed into the roundly tapered ogive. The parts are glowing red from prior heating before the forming process. (U.S. Army Photo by Dori Whipple)

## FIND OUT MORE

**Scranton Army Ammunition Plant**

**ATTN: JMSC-CR**

**156 Cedar Avenue**

**Scranton, PA 18505**

**(570) 340-1135**

[http://www.jmc.army.mil/](http://www.jmc.army.mil/installations.aspx?id=Scranton)

[installations.aspx?id=Scranton](http://www.jmc.army.mil/installations.aspx?id=Scranton)

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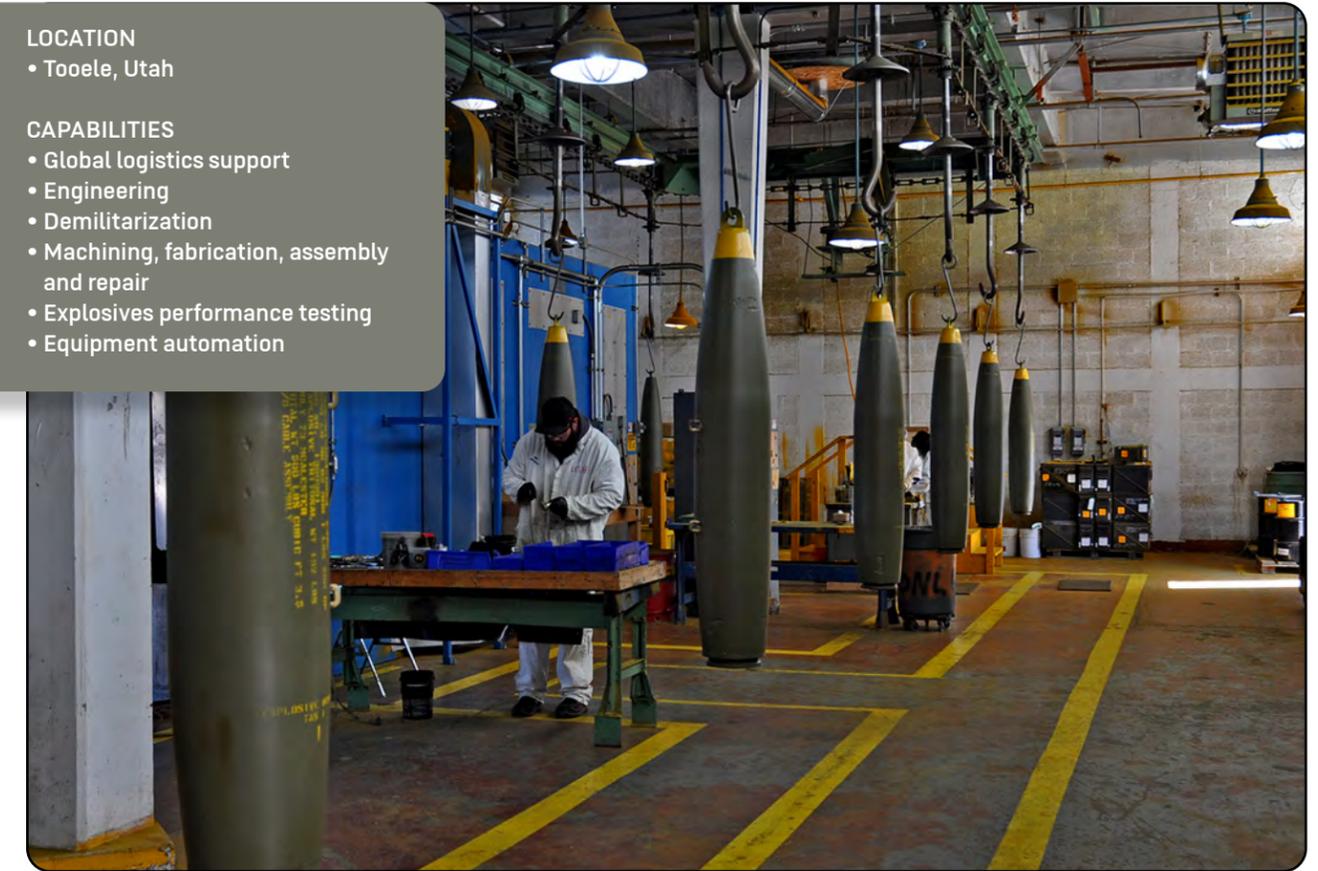
# TOOELE ARMY DEPOT

## LOCATION

- Tooele, Utah

## CAPABILITIES

- Global logistics support
- Engineering
- Demilitarization
- Machining, fabrication, assembly and repair
- Explosives performance testing
- Equipment automation



Tooele Army Depot provides lethality through the proficient receipt, storage, demilitarization and renovation of conventional ammunition. TEAD is keenly positioned to support combatant commander requirements for implementing strategic power-projection advantage. (U.S. Army photo)

**Tooele Army Depot (TEAD)** is DOD's Western Region conventional ammunition hub and Ammunition Peculiar Equipment center.

## HISTORY

Built in 1942, TEAD was originally named the Tooele Ordnance Depot (TOD), and opened as a storage depot for war supplies, ammunition and combat vehicles. In 1949, TOD assumed command of the Deseret Chemical Depot. TEAD acquired the general supply storage mission from Pueblo Army Depot in Colorado in 1988.

Following BRAC in 1993, troop support maintenance and storage missions were relocated, but TEAD retained its conventional ammunitions logistics support mission.

In 2013, TEAD regained additional storage capacity from the now closed Deseret Chemical Depot and renamed the location TEAD South Area. TEAD is a government-owned, government-operated depot.

## STATISTICS & FACILITIES

In fiscal year 2019, TEAD had a payroll budget of \$43 million. TEAD houses more than 43,000 acres with over 1,380 buildings and has a storage capacity of 2.7 million square feet.

## FIND OUT MORE

**Tooele Army Depot**

**1729 Main Street**

**Tooele, UT 84074**

**(435) 833-2854**

[www.tooele.army.mil](http://www.tooele.army.mil)

[f /TooeleArmyDepot](https://www.facebook.com/TooeleArmyDepot)



# MILITARY SURFACE DEPLOYMENT AND DISTRIBUTION COMMAND

**The Military Surface Deployment and Distribution Command (SDDC), headquartered at Scott Air Force Base, Illinois, integrates and synchronizes surface deployment and distribution capabilities to deliver and sustain the Armed Forces in support of the nation's objectives.**

## PRIMARY LOCATIONS

- Headquarters Scott Air Force Base, Illinois
- Birmingham, Alabama
- Sunny Point, North Carolina
- Concord, California

## READINESS LEVERS

- Strategic Seaports
- Rail
- Vessels
- Trucks/Highways
- Ammo Ports
- Containers
- Total Force Integration
- Analysis and Systems

## INTRODUCTION

SDDC moves, deploys and sustains the Armed Forces to deliver readiness and lethality – at speed.

As both a major subordinate command to U.S. Army Materiel Command and the Army Service Component Command to U.S. Transportation Command, SDDC is the global intermodal surface connector. SDDC harmonizes the kinetics between AMC's materiel enterprise and USTRANSCOM's Joint Deployment and Distribution Enterprise at echelon, connecting surface warfighting requirements through distribution network nodes to the point of need, responsively projecting power and delivering desired effects in support of Combatant Commands and the total joint force. The command also partners with the commercial transportation industry as the coordinating link between Department of Defense surface transportation requirements and the capability industry provides.

With nine total force brigades geographically located throughout the world to support Combatant Commanders, SDDC is globally postured to deliver readiness and lethality to the joint warfighter.

Maintaining a workforce of approximately 5,100 trusted professionals, SDDC is the premier total force strategic surface deployment and distribution synchronizer and is always ready with capabilities available to project and sustain the nation's combat power, even in the most austere conditions.

ABOVE: Cpl. Dustin Jobe, noncommissioned officer in charge of lifting provisions, 647th Expeditionary Terminal Operations Element, U.S. Army Reserves, supervises the lifting of an M1A2 Abrams Tank assigned to 2nd Armored Brigade Combat Team, 1st Cavalry Division, over the pier ledge at the Port of Vlissingen, Netherlands, to be lowered onto a low-barge ship for transportation to another location within Europe, Oct. 12, 2019. (Photo by Sgt. Kyle Larsen.)



598th Transportation Brigade, 21st Theater Sustainment Command and a "Team of Teams" that includes many host-nation partners participate in the discharge operations of the United States vessel ARC Endurance at Bremerhaven Port, Bremerhaven, Germany on February 21, 2020. ARC Endurance arrived the previous day as part of exercise Defender-Europe 20. Tracked and wheeled military vehicles were unloaded from the ARC vessel and prepared for onward movement to various training areas throughout Europe. (U.S. Army photo by Jason Johnston)

SDDC's eight readiness levers provide capabilities that connect combat power and lethality to conveyances, link the global distribution network to the fight, and provide a lens through which the command evaluates operational effectiveness, comprehensive readiness, capability and risk to enable dynamic force employment, warfighting readiness, and lethality at scale.

SDDC's Transportation Engineering Agency, also at Scott Air Force Base, provides the DOD with engineering, policy guidance, research and analytical expertise, ensuring U.S. military forces can respond successfully to any requirement anywhere in the world.

The U.S. Army Reserve Deployment Support Command (DSC) provides SDDC with an integrated total force capability. Operationally controlled by SDDC and headquartered in Birmingham, Alabama, the DSC provides four Reserve transportation brigades and an Expeditionary Rail Center to support SDDC operations. The DSC is a direct-reporting command of the 377th Theater Support Command, located in Belle Chasse, Louisiana.

## CAPABILITIES & MISSION EXECUTION

SDDC has five subordinate active duty brigades headquartered around the world.

**The 595th Transportation Brigade**, Camp Arifjan, Kuwait, conducts surface deployment and distribution operations to meet national security objectives within the U.S. Central Command (CENTCOM) area of responsibility.

Through a cohesive team of experts, the 595th Transportation Brigade links strategic warfighter surface-movement requirements with commercial capability. Combining organic, commercial and host-nation capabilities, the brigade offers maximum options and solutions to supported forces while delivering equipment and sustainment on time.

The brigade has two battalions:

- 831st Transportation Battalion, Manama, Bahrain, with detachments in Bahrain, Qatar, and the United Arab Emirates.
- 840th Transportation Battalion, Camp Arifjan, Kuwait, with a detachment in Kuwait.

## MILITARY SURFACE DEPLOYMENT AND DISTRIBUTION COMMAND *Continued*



Lt. Col. Altwan Whitefield, commander of SDDC's 841st Transportation Battalion, briefs members of her unit in front of the Roll-On/Roll-Off cargo ship Liberty Passion at the Port of Charleston, S.C., prior to beginning equipment upload operations for deployment to Europe in support of exercise Defender Europe 20, March 11, 2020. (U.S. Army photo by Kimberly Spinner)

**The 596th Transportation Brigade**, Military Ocean Terminal Sunny Point (MOTSU), North Carolina, safely provides ammunition terminal services to meet the nation's objectives. This responsibility includes the operation of both East and West Coast ammunition terminals at MOTSU and at Military Ocean Terminal Concord (MOTCO), California, respectively, and the western half of the U.S. Northern Command (NORTHCOM) area of responsibility.

The brigade has two battalions:

- 833rd Transportation Battalion, Joint Base Lewis-McChord, Washington, with a detachment in Alaska.
- 834th Transportation Battalion, Concord, California, with a detachment in Southern California.

**The 597th Transportation Brigade**, Joint Base Langley-Eustis, Virginia, is focused on the eastern half of the NORTHCOM and the U.S. Southern Command areas of responsibility.

The 597th and its subordinate units are responsible for meeting the surface deployment, redeployment and distribution needs of the warfighter and Defense Transportation System customers in the U.S.

The brigade has three battalions and three rapid port-opening elements:

- 832nd Transportation Battalion, Joint Base Langley-Eustis, Virginia, with detachments in Florida and Puerto Rico.
- 841st Transportation Battalion, Charleston, South Carolina.
- 842nd Transportation Battalion, Beaumont, Texas.
- 688th Rapid Port Opening Element, Joint Base Langley-Eustis.
- 689th Rapid Port Opening Element, Joint Base Langley-Eustis.
- 690th Rapid Port Opening Element, Joint Base Langley-Eustis.

**The 598th Transportation Brigade**, Sembach Kaserne, Germany, supports U.S. European Command (EUCOM), U.S. Africa Command (AFRICOM) and CENTCOM via the Northern Distribution Network.

The 598th Transportation Brigade enables full-spectrum operations by performing movement of forces and materiel in support of the Combatant Commander. This unit has left its mark in dozens of countries, distinguishing itself in every mission, aptly fulfilling its motto, "Warrior Logistics – in Motion."

The brigade provides expeditionary and deliberate port

### CORE COMPETENCIES

- Books, ships and tracks shipments and unit moves, and conducts port operations for surface movements worldwide.
- Assists organizations with planning for force and materiel movements and deployment support functions.
- Provides the Department of Defense with engineering, policy guidance, research and analytical expertise through its Transportation Engineering Agency.

(seaport of embarkation and seaport of debarkation) and surface distribution operations in EUCOM and AFRICOM, and sustains forces. Additionally, the unit is prepared to deploy globally on short notice to conduct port and distribution operations.

The brigade has two battalions and one company:

- 838th Transportation Battalion, Kaiserslautern, Germany, with detachments in the United Kingdom, the Netherlands, Spain, and along the Rhine River.
- 839th Transportation Battalion, Livorno, Italy, with detachments in Greece, Italy and Turkey.
- 950th Transportation Company, Bremerhaven, Germany.

**The 599th Transportation Brigade**, Wheeler Army Airfield, Hawaii, is located with all U.S. Pacific Command service component commands on the island, making the location ideal for brigade members to effectively plan and coordinate with leading supported units. The unit's location also allows easy access to Honolulu's commercial ports, Kalaheo Barbers Point Harbor and to the Navy port at Pearl Harbor.

The area of responsibility for the 599th is geographically the largest in the world, covering 52 percent of the earth's surface, equal to about 105 million square miles.

The brigade has three battalions and one Naval Reserve unit:

- 835th Transportation Battalion, Okinawa, Japan, with detachments in Singapore and Guam.
- 836th Transportation Battalion, Yokohama, Japan, with a detachment in Kure, Japan.
- 837th Transportation Battalion, Busan, Korea.
- Naval Reserve SDDC-Pacific, Alameda, California.



ABOVE: Staff Sgt. Robert E. Miller, 1184th Transportation Battalion, stands pier side while the container ship M/V Maersk Valencia prepares to berth at the Port of Shuaiba, Kuwait, July 19, 2020. (U.S. Army photo by Sgt. Pabon Vega)

BELOW: Maj. James Russell, 1184th Transportation Battalion, observes offload operations as equipment is loaded onto a flatbed from the container ship M/V Maersk Valencia at the Port of Shuaiba, Kuwait, July 19, 2020. (U.S. Army photo by Claudia LaMantia)



### FIND OUT MORE

**Military Surface Deployment and Distribution Command**

**1 Soldier Way**

**Scott AFB, IL 62225-5006**

[www.sddc.army.mil](http://www.sddc.army.mil)

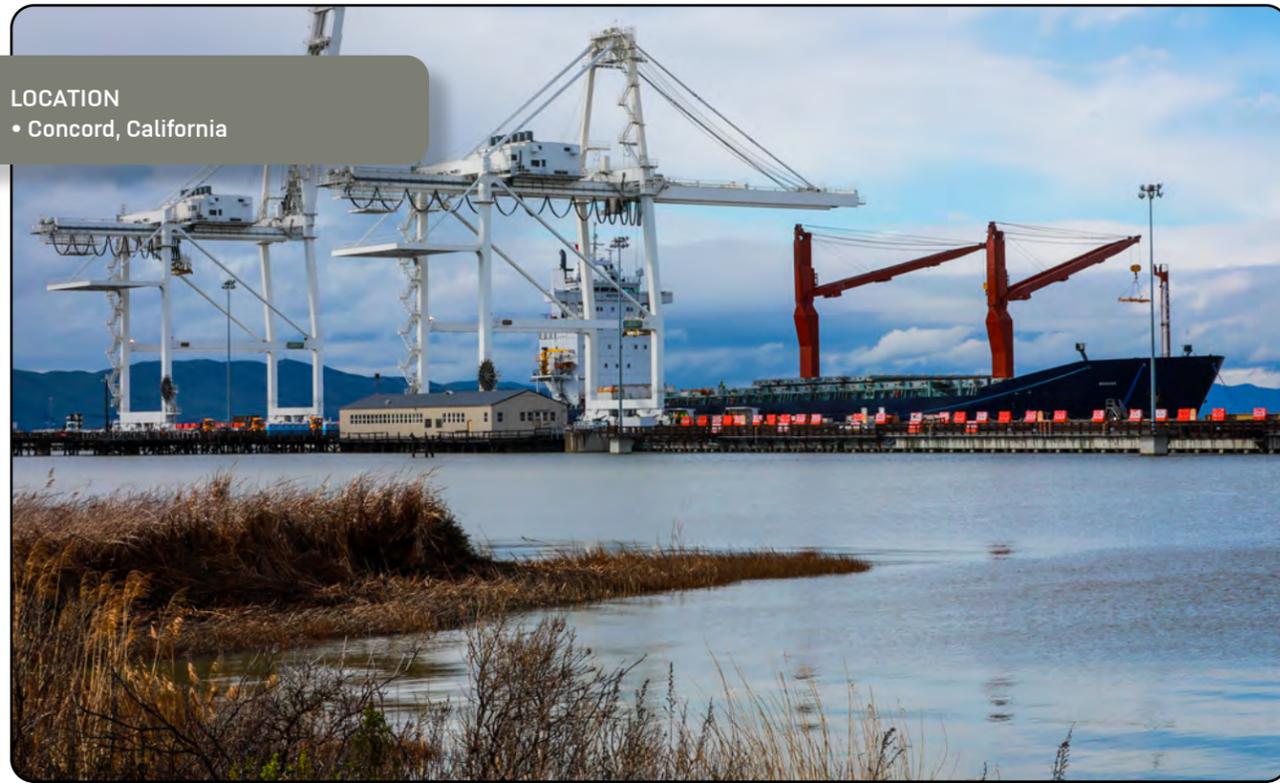
[f /HQSDDC](https://www.facebook.com/HQSDDC)

[@HQSDDC](https://twitter.com/HQSDDC)

[y /HQSDDC](https://www.youtube.com/channel/UC...)

# MILITARY OCEAN TERMINAL CONCORD

LOCATION  
• Concord, California



Military Ocean Terminal Concord, Calif., March 2, 2018. Trans Mariner 18 West is a real-world strategic mission utilizing U.S. Army Reserve, National Guard and Active component Soldiers to conduct Port Operations allowing Army materiel and munitions containers for travel onward. (U.S. Army photo by Eben Boothby)

**Military Ocean Terminal Concord (MOTCO)** is SDDC's West Coast strategic ammunition port. MOTCO is the DOD's primary ammunition seaport supporting the Pacific area of operation.

## INTRODUCTION

The Army's presence at MOTCO dates back to 1997 when the Army's 1302nd Major Port Command was relocated from Oakland Army Base, California, to MOTCO and became the 834th Transportation Battalion. MOTCO properties were transferred from the Navy to the Army in 2008 per the 2005 Base Realignment and Closure Commission recommendations.

The 834th Transportation Battalion is the port manager at MOTCO and operates three piers and an Army-owned rail system that connects with major public railway lines.

MOTCO receives ammunition by rail and highway; stages containers, railcars and trailers; and loads vessels with containers and break-bulk (loose items) ammunition. Rail lines, piers, holding pads, transfer facilities, staging areas, railcar class yards, barricaded railcar holding areas and main supply routes are all operated in support of cargo receipt and movement.

## CAPABILITIES & MISSION EXECUTION

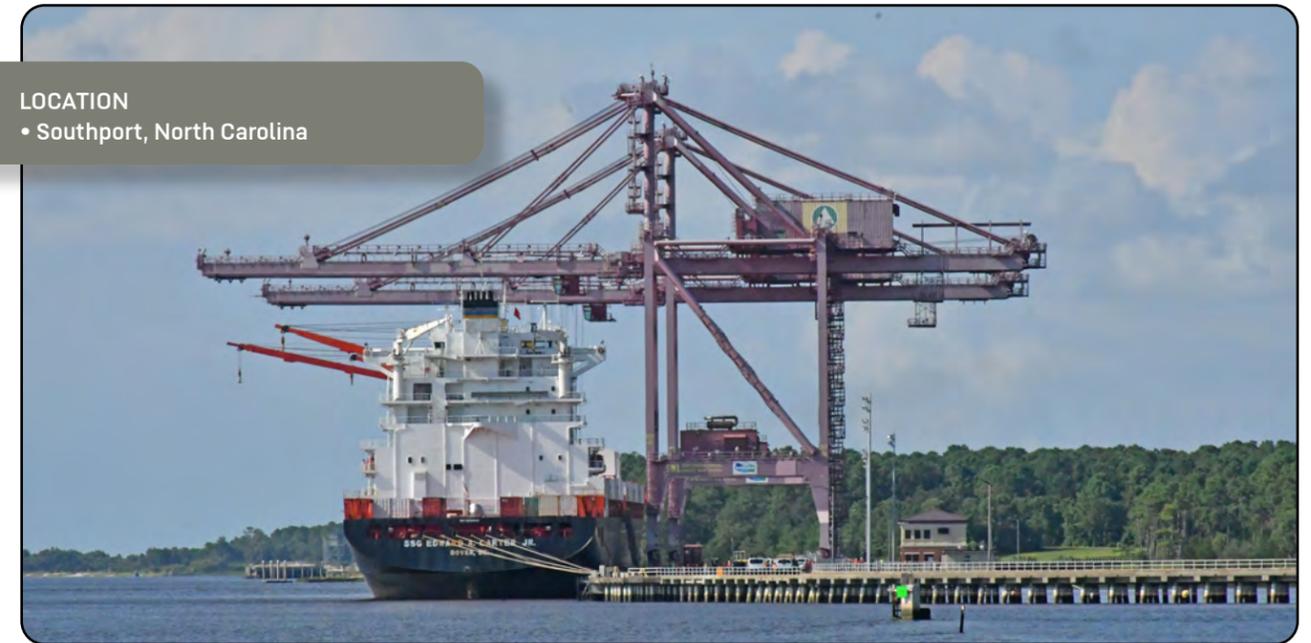
MOTCO encompasses approximately 115 acres inland, 6,500 acres of tidal area which includes terminal piers, staging and transfer facilities, and 2,000 acres of offshore islands. While ammunition is the focus of most cargo movement into or out of MOTCO, the installation is capable of handling general cargo providing it is in conjunction with, or does not interfere with, ammunition transshipment.

## FIND OUT MORE

**Military Ocean Terminal Concord**  
**5110 Port Chicago Highway**  
**Concord, CA 94520**

# MILITARY OCEAN TERMINAL SUNNY POINT

LOCATION  
• Southport, North Carolina



The SSG Edward A. Carter Jr., a Military Sealift Command vessel docks at Military Ocean Terminal Sunny Point to unload cargo July 27, 2017. (U.S. Army photo by John Orrell)

**Military Ocean Terminal Sunny Point (MOTSU)** is SDDC's East Coast strategic ammunition port, and is DOD's primary ammunition seaport supporting the European, African and Middle Eastern areas of operation.

## INTRODUCTION

Activated in 1955, MOTSU is located on the west bank of the Cape Fear River in Brunswick County, North Carolina. Encompassing more than 16,000 acres, MOTSU is home to the 596th Transportation Brigade. The port has transferred munitions to every major armed conflict since it was established.

As a key ammunition shipping point on the Atlantic coast, MOTSU stores and ships DOD ammunition, dangerous cargo and explosives, including small arms ammunition; artillery shells, fuses and propellants; ammunition for vehicle systems; and aircraft bombs and ammunition.

## CAPABILITIES & MISSION EXECUTION

MOTSU is the largest ammunition port in the nation. With a workforce of approximately 350 civilians, contractors and military personnel, the installation includes three wharves and incorporates a network of railroad tracks to move munitions across the area. This infrastructure allows the seamless transfer of munitions between rail, trucks and ships. MOTSU enables the Army to meet its wartime ammunition throughput requirements.



Military Ocean Terminal Sunny Point (MOTSU), SDDC's East Coast strategic ammunition port, is the largest ammunition port in the nation. MOTSU supports U.S. ammunition requirements for Europe, Africa and the Middle East. (U.S. Army photo)

## FIND OUT MORE

**Military Ocean Terminal Sunny Point**  
**6280 Sunny Point Road**  
**Southport, NC 28461**



## U.S. ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND

**T**ank-automotive and Armaments Command (TACOM) is AMC's Soldier and ground systems logistics and sustainment command. Responsible for the synchronization, integration and delivery of Soldier and ground systems materiel readiness solutions, TACOM ensures the Army is the world's most lethal and versatile fighting force.

### PRIMARY LOCATIONS

- Headquarters – Detroit Arsenal, Michigan
- Anniston Army Depot – Anniston, Alabama
- Joint Systems Manufacturing Center – Lima, Ohio
- Red River Army Depot – Texarkana, Texas
- Rock Island Arsenal Joint Manufacturing and Technology Center – Illinois
- Sierra Army Depot – Herlong, California
- Watervliet Arsenal – Watervliet, New York

### INTRODUCTION

TACOM works across various organizations, including: TACOM Integrated Logistics Support Center, TACOM Materiel Systems Organization and Army Program Executive Offices, including PEO Combat Support and Combat Service Support, PEO Ground Combat Systems and PEO Soldier, to integrate Soldier and ground systems life cycle management.

TACOM also works with the Joint Program Executive Office, Chemical, Biological and Nuclear Defense and the Army Rapid Capabilities and Critical Technologies Office. TACOM has operational control of Army Contracting Command-Detroit Arsenal. In addition, TACOM works closely with Army Combat Capabilities Development Command organizations, including: CCDC Ground Vehicle Systems Center, CCDC Armaments Center, CCDC Soldier Center, and CCDC Chemical Biological Center. TACOM's focused line of effort provides supply chain management, optimization of the industrial base, configuration of prepositioned stocks for combat, divestiture of unneeded equipment, optimization of contract support, building partner capacity and improving the acquisition process.

### CAPABILITIES & MISSION EXECUTION

TACOM plays a vital role in the Army's efforts to sustain, prepare, reset and transform its operations. As part of the Army's industrial base enterprise, TACOM is responsible for two arsenals, three depots and two manufacturing and technology centers, including Anniston Army Depot, Joint Systems

ABOVE: David Penman, a tracked vehicle maintainer for TACOM's Fleet Maintenance Expansion at Fort Benning, takes a break while performing maintenance on an M1A2 Abrams. (U.S. Army photo by Randy Tisor)



A line of M113A3/BMP-2 Opposing Forces Surrogate Vehicles await the final production step – assembly of their doors – in Anniston Army Depot's Combat Vehicle Repair Facility. (U.S. Army photo by Mark Cleghorn)

Manufacturing Center-Lima, Red River Army Depot, Rock Island Joint Manufacturing and Technology Center, Sierra Army Depot and Watervliet Arsenal. TACOM's industrial base operations manufacture, remanufacture and reset ground vehicles, support equipment and critical repair parts that support Army's supply chain, generating readiness and operational capability throughout Army formations.

### FIND OUT MORE

U.S. Army Tank-automotive and Armaments Command

6501 E. 11 Mile Road

Warren, MI 48397-5000

<https://www.tacom.army.mil>

<https://www.army.mil/TACOM>

@USArmyTACOM

/company/USArmyTACOM



LEFT: William Bridges, a small arms repairer at TACOM's Fort Benning's Fleet Maintenance Expansion, examines a disassembled weapon. (U.S. Army photo by Randy Tisor)



RIGHT: Roy Bearden performs flux cored arc welding on a M1 tank. Flux cored arc welding is used to remove impurities when the metal being welded isn't clean. (U.S. Army photo by Mark Cleghorn)

# ANNISTON ARMY DEPOT

LOCATION  
• Anniston, Alabama



A line of M113A3/BMP-2 Oposing Forces Surrogate Vehicles stand ready for shipping from Anniston Army Depot through Defense Logistics Agency Distribution Anniston, Ala. The depot recently completed overhaul of 14 of these training vehicles, which are designed to look like Russian combat vehicles. (U.S. Army photo by Mark Cleghorn)

**Anniston Army Depot (ANAD)** provides industrial and technical support to America's warfighters, allies and joint services for repair and overhaul of combat vehicles, artillery systems, bridge systems, small arms, secondary components, locomotives, rail equipment and non-tactical generators. With a \$1 billion economic impact, the depot is a major economic engine for the region.

## INTRODUCTION

ANAD's commitment to providing the best possible support to the warfighter extends well beyond its base location in Anniston, Alabama. The organization's support and services are extended on-site to military units in other locations throughout the U.S. and beyond.

The depot provides on-site support through various types of field missions as a subordinate to TACOM. Small Arms Readiness Evaluation Teams travel to unit sites to inspect and repair small caliber weapons for pre/post deployments, bringing the weapons to fully mission capable status. Fielding and Rapid Repair Support Teams perform vehicle repair and handoff for M1, M88 and Paladin vehicles. Forward Repair Activity teams perform a range of services, including engine, transmission and generator repair; welding and fabrication; and other functions to maintain operational equipment. Anniston's

rail mission – the Defense Non-tactical Generator and Rail Equipment Center – inspects, repairs and rebuilds locomotives for the Army and other customers. To support ANAD's M1 customers, Total Integrated Engine Revitalization Field Support Representatives (TIGER FSRs) travel to various locations to perform AGT1500 turbine engine repair on-site.

Located on more than 15,000 acres, ANAD has a building and plant replacement value of approximately \$2.2 billion. To the north, the installation is bordered by Pelham Range, a 20,000-acre training range operated by the Alabama National Guard.

## CAPABILITIES & MISSION EXECUTION

The most valuable resource existing at ANAD is the multi-skilled workforce. The infrastructure is capable of repeated 75-ton combat vehicle traffic and has heavy lift capability within key facilities. ANAD has a live firing range capable of firing weapons up to 155 mm.

Capabilities include:

- Custom machining
- Combat vehicles (except Bradley)
- Overhaul/repair of all wheeled and tracked vehicles and their components

- Artillery overhaul/repair
- Small arms overhaul/repair
- Bridging systems overhaul/repair
- Overhaul/repair of locomotives, rail equipment and non-tactical generators
- Worldwide support

Constructed in 1941 as the Anniston Ordnance Depot, ANAD's mission has evolved over the decades, growing from a storage site, to storage and maintenance, to repair and overhaul operations starting in the 1980s.

## INDUSTRIAL SKILLS & FACILITIES

Although Anniston Army Depot is a multi-mission installation, it is most frequently recognized for its heavy combat vehicle expertise. From the M48 tank of the 1950s, to the M1 series battle tank of today, the depot has rightfully earned its reputation as the "tank rebuild center of the world."

**Computer-Aided Manufacturing** – On the leading edge of technology, Anniston has two high-tech manufacturing capabilities in Flexible Computer Integrated Manufacturing and Rapid Acquisition of Manufactured Parts.

**Manufacturing/Fabrication Facilities** – Anniston has more than 100,000 square feet of manufacturing/fabrication capacity featuring highly skilled craftsmen with the latest state-of-the-art tools and equipment.

**Nichols Industrial Complex** – This 1.5 million square foot facility has the capacity and capability to overhaul any combat vehicle.

**Powertrain Flexible Maintenance Facility** – Built with flexibility in mind, this 142,500 square foot facility provides prime engine production space, bringing together a variety of processes that were previously performed at different locations under one roof.

**Powertrain Transmission Facility** – This 109,874 square foot facility, co-located with the Powertrain Flexible Maintenance Facility, contains work areas for every process involved in the overhaul and remanufacture of in-line and cross-drive transmissions, from disassembly through final testing.

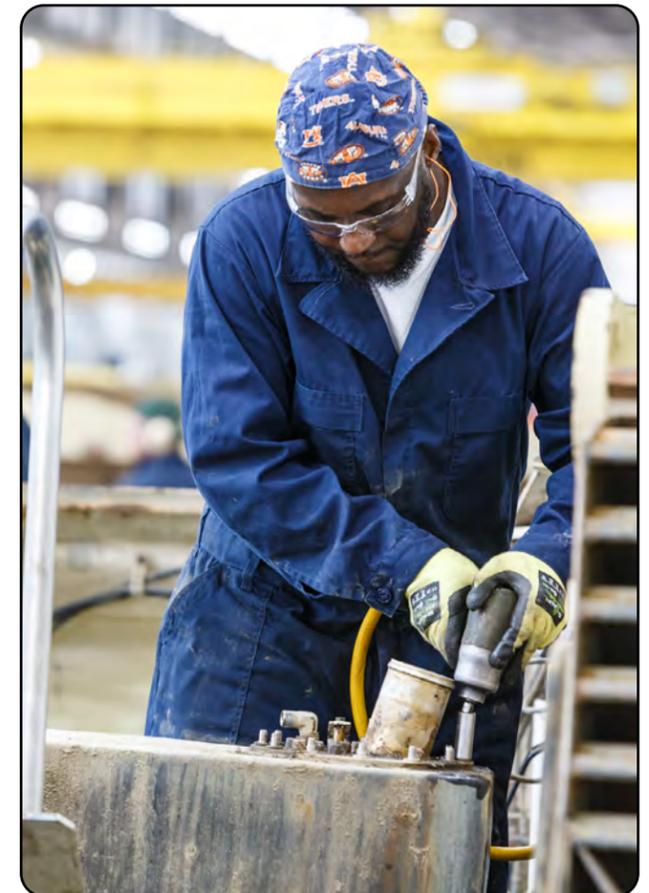
**Small Arms Repair Facility** – Anniston's staff and facilities offer the expertise for small component repair to complete weapon disassembly, repair, modification, conversion, reclamation, refinishing, reassembly, functional testing and target accuracy testing.

**Towed Howitzer Overhaul Facility** – Anniston has the capability to overhaul and rebuild a variety of towed

howitzer weapon systems.

**Turbine Engine Facility** – Employees inspect, repair, reclaim and overhaul complete turbine engines as well as their associated components in this 110,000 square foot facility.

**Upholstery Shop** – Anniston's unique fabrication competencies offer a range of capabilities covering chemical, biological and radiological needs, to hydraulic hose fabrication.



Tyrone Garrett removes the rear sending unit from a rear fuel cell on a M1A2 in Anniston Army Depot's Combat Vehicle Repair Facility. (U.S. Army photo by Mark Cleghorn)

## FIND OUT MORE

**Anniston Army Depot**

**7 Frankford Ave.**

**Anniston, AL 36201**

<https://www.anad.army.mil>

[f /AnnistonArmyDepot](#)

[v /AnnistonArmyDepot](#)

[p /photos/annistonarmydepot](#)

# U.S. ARMY JOINT SYSTEMS MANUFACTURING CENTER – LIMA

LOCATION  
• Lima, Ohio



An Abrams tank turret moves through the manufacturing stages at the Joint Systems Manufacturing Center in Lima, Ohio. (U.S. Army photo by Misha King)

**The Joint Systems Manufacturing Center – Lima (JSMC)** is an Army owned, contractor operated facility that allows for the synergy of cost effectiveness and responsiveness with private industry, while maintaining long-term control of the equipment and facility for preservation of mission readiness.

## INTRODUCTION

JSMC, a subordinate of TACOM, provides the Department of Defense with an industrial facility capable of manufacturing, repairing and refurbishing heavy and light armored combat vehicles.

The JSMC produces combat vehicles and components, including the M1 Abrams family of vehicles for the U.S. and allied nations; the hull structure of the Namer Armored Personnel Carrier; hull structures for the Stryker family of vehicles and MK 46 Naval Weapons Gun Station turrets. The robust infrastructure of the JSMC is well-suited for this mission, supporting high bay lifting capabilities up to 80 tons and weld fixtures supporting more than 100,000 pounds.

Located on 369 acres in northwest Ohio, the JSMC offers more than 1.6 million square feet of manufacturing floor

space, with the primary manufacturing building making up 1.1 million square feet.

## CAPABILITIES & MISSION EXECUTION

The highly skilled workforce at JSMC executes full spectrum manufacturing of heavy combat vehicles, from plate steel through assembly, and complete automotive testing and final acceptance. The core competencies of the plant include:

- Advanced plate processing
- Laser cutting
- High speed plasma cutting
- Water jet cutting
- Multi-media blasting processes
- Advanced welding processes: Titanium, armor steel, stainless steel, aluminum and other materials
- Robotic welding
- Friction stir welding
- Large envelope structure machining
- Full structure and component painting



An M1A2 SEPv3 Abrams turret basket is being assembled prior to installation on the turret during vehicle assembly. (U.S. Army photo by Brian Hahn)

- Large cell precision measuring
- Vehicle and component assembly
- Full range of automotive testing
- Troubleshooting and inspection
- Tooling design and fabrication
- Rapid prototyping and design
- Manufacturing and facilities engineering
- Secure manufacturing capabilities
- Model centric manufacturing

## INDUSTRIAL SKILLS & FACILITIES

**Assembly and Test** – The JSMC has multiple assembly lines for Abrams hulls and turrets and other sub-assemblies. Once vehicles are assembled, they are turned over to the Test and Adjust department. Each vehicle goes through a full range of automotive testing for performance and reliability on the installations 1.9-mile test track.

**Fabrication and Inspection** – The workforce fabricates a number of complete vehicle structures and components for DOD and allied customers. Using fixed benches and roll over fixtures, structures are welded together and inspected using non-destructive inspection techniques before being dimensionally inspected in large envelope coordinate measuring machine systems.

**Machining** – The center maintains a wide variety of multi-axis machining centers, used for fabrication of

materials ranging from individual components to complete vehicle structures. The heavy machining line allows entire vehicle structures and components to be moved through a complete range of horizontal and vertical machining processes.

**Plate Processing** – The JSMC hosts a variety of advanced plate processing centers, including laser cutting, water jet cutting, flame cutting and high speed plasma cutting.

**Welding** – The JSMC is home to world-class welding operations using heavy and exotic materials such as titanium, high hard armor, RHA armor, aluminum and composites. The Welder Certification and Research and Development Department provides instruction and certification on a variety of welding processes from multi-pass metal inert gas welding, to friction stir and robotic welding, and weld inspection. It also develops and tests new weld process development through ballistic test and final acceptance.

## FIND OUT MORE

**Joint Systems Manufacturing Center – Lima**  
1155 Buckeye Road  
Lima, Ohio 45804-1815  
<https://www.tacom.army.mil/lima>

# RED RIVER ARMY DEPOT

LOCATION  
• Texarkana, Texas



Red River Army Depot's fire suppression team is capable of reworking fire bottles helping to save more than \$400 per system. Each bottle goes through a complete overhaul, from removal of erosion, to extensive pressure testing. (U.S. Army photo by Adrienne Brown)

The Red River Army Depot (RRAD) sustains the joint warfighter's combat power by providing ground combat and tactical systems sustainment maintenance operations.

## INTRODUCTION

RRAD is a strategic national asset with more than 79 years of service to the U.S. and its Soldiers. Designated as the Center for Industrial and Technical Excellence for Tactical Wheeled Vehicles, the Bradley Fighting Vehicle System, the Multiple Launch Rocket System and the Small Emplacement Excavator, the depot houses DOD's capability for remanufacture of road wheels and tracks for various vehicle systems.

RRAD employees conduct full-spectrum maintenance operations on supported platforms at the northeast Texas facility. Whether the requirement is for depot overhaul, 10/20 maintenance, or Inspect and Repair Only as Necessary (IROAN) programs, the RRAD team works to meet the standards specified by customers.

RRAD experts travel beyond the depot gates to augment or establish maintenance and logistics programs in support of the joint warfighter and national military strategic partners.

RRAD, a subordinate of TACOM, has more than 1,400 buildings and structures with more than 8 million square feet of floor space to accommodate repair/overhaul of heavy tanks, wheeled vehicles, electronic systems and artillery.

## CAPABILITIES & MISSION EXECUTION

The depot's multi-skilled workforce, approximately 1,800 civilian employees and another 650 contract employees, possesses a wide range of technical resources, including the capability to design, fabricate and manufacture a wide range of items, from specialty parts to unique prototype weapon systems and vehicles. The dedicated workforce provides continuous on-site support throughout the world.

RRAD was established in 1941 as an ammunition storage depot. Due to the demands of World War II, the mission was expanded to include general supply storage and tank repair. Throughout the years, the depot's missions have evolved, and today Red River is engaged in activities ranging in scope from remanufacturing/recapitalization of tactical wheeled vehicles to the production of M1 road wheels.

RRAD is aggressively pacing its performance to accomplish the goals of the Army's transformation by



As the Center of Industrial and Technical Excellence for the Bradley Fighting Vehicle System, Red River has provided technical expertise and rebuild/overhaul for the vehicles since the early 1980s. (U.S. Army photo)

engaging innovative initiatives such as Lean Six Sigma, extensive partnering with industry and enhanced business management techniques. The Red River Army Defense Complex is the largest single employer in the Greater Texarkana area.

## INDUSTRIAL SKILLS & FACILITIES

RRAD is situated on more than 15,000 acres in temperate northeast Texas with a wealth of resources that make it an ideal multi-industrial complex.

**Dynamometer Facility** – With 28 test cells, this facility can test engines and transmissions to original equipment manufacturer specifications.

**Electronic Repair** – RRAD experts troubleshoot and repair the sophisticated electronic assemblies, sub-assemblies and wiring harnesses used in fire control systems.

**Fabrication and Metal Processing** – Through a general machine shop operation, RRAD provides metal fabrication, reclamation and modification.

**Machine Shop Facilities** – Two complete machine shop facilities repair used components and manufacture from raw stock parts to be used in the rebuild and modification

of systems. Each shop uses both conventional and computer numeric control machines.

**Maneuver Systems Sustainment Center** – With more than 300,000 square feet of space designed with modern manufacturing principles in mind, this facility is dynamically enhancing the efficiency of tactical vehicle production at the depot.

**Painting Facility** – RRAD's painting facility has the capability to paint small components to the entire vehicle with three-color camouflage Chemical Agent Resistant Coating.

**Rubber Products Division** – RRAD has proven experience in rubberization of track and road wheels.

## FIND OUT MORE

Red River Army Depot

100 James Carlow Dr.

Texarkana, TX 75507-5000

<https://www.redriver.army.mil>

 /RRADTX

 @RRAD\_TX

 /RedRiverArmyDepot1941

# ROCK ISLAND ARSENAL - JOINT MANUFACTURING AND TECHNOLOGY CENTER

## LOCATION

• Rock Island Arsenal, Illinois



Rock Island Arsenal-Joint Manufacturing and Technology Center foundry employees conduct a test pour to prove out a new pour basin for the M777 howitzer muzzle break at Rock Island Arsenal, Ill. The new muzzle break casting is designed by the University of Iowa. In addition to the muzzle break, pours for test plates used to certify weld processes on the muzzle break and test bars used to verify heat-treat processes were completed. This effort is working to improve muzzle break pours, producing the finest products for the warfighter. (U.S. Army photo by Debralee Best)

The Rock Island Arsenal - Joint Manufacturing and Technology Center (RIA-JMTC) develops, manufactures and delivers readiness solutions through conventional and advanced manufacturing processes for the U.S. Army and Department of Defense systems globally.

## INTRODUCTION

RIA-JMTC is designated as a Center of Industrial and Technical Excellence (CITE) for Mobile Maintenance Systems, add-on armor and foundry operations, as well as the Center of Excellence for the Army in Advanced and Additive Manufacturing. Located in RIA-JMTC's facilities are various blends of manufacturing techniques, such as 3D printing, traditional forge and foundry work combined with the most innovative and advanced technologies, processes and equipment in the machining, weld, fabrication and assembly manufacturing sectors.

RIA-JMTC, a subordinate of TACOM, functions as a shop with facilities possessing the technical expertise and equipment to provide full-service production engineering; prototype fabrication; complex, tight tolerance component part manufacturing; and weapons live-fire testing and simulation. This full range of capabilities

allows for a rapid response to warfighter requirements emanating from all of the joint services.

RIA-JMTC's business model allows the manufacture of parts from raw material to finished product within a single facility. The center maintains a ready and responsive organic industrial base that is capable of performing various and diversified processes at a single location.

Located on a 946-acre island in the Mississippi River between Illinois and Iowa, RIA-JMTC has more than 1.5 million square feet of manufacturing space and one of the largest warehouse facilities with more than 770,000 square feet under one roof, with additional storage space available outside.

## CAPABILITIES & MISSION EXECUTION

RIA-JMTC is a full-service, one-stop shop, saving customers time and money by eliminating the need to outsource services. The capabilities range from having an advanced and additive manufacturing center, full-purpose foundry, to fabrication and welding of various metals, to heat treating, machining, painting and engineering.

RIA-JMTC has unique capabilities in the industrial world with more than 1,000 machining centers.

Established in 1862, Rock Island Arsenal (RIA) served as a prison camp for Confederate Soldiers during the Civil War. Acting as a stone manufacturing shop from 1866 to 1893, RIA eventually was the site of the first American manufactured tank during World War I.

That innovative thinking has continued over the decades, as RIA-JMTC strives to produce the best quality weapons and manufactured items for DOD, while meeting the changing needs of today's warfighter.

## Capabilities at a Glance:

- Advanced and additive manufacturing (3D printing)
- Engineering and laboratory facilities
- Tool/die manufacturing
- Casting and investment casting
- Gear/spring manufacturing
- Water jet cutting
- Laser cutting
- Stereo lithography (3D modeling)
- Assembly and packaging
- Live-fire testing and simulation
- Titanium casting
- Composite armor center
- Robotic welding
- Machining
- Forging
- Blasting
- Welding
- Forming
- Plating
- Painting

## INDUSTRIAL SKILLS & FACILITIES

RIA-JMTC is integral in providing DOD with quality equipment for the warfighter. Its capabilities allow the arsenal to work on a variety of projects simultaneously while completing orders on time.

**Assembly** – RIA-JMTC's assembly capabilities allow for painting, assembly, disassembly and reset, and recoil.

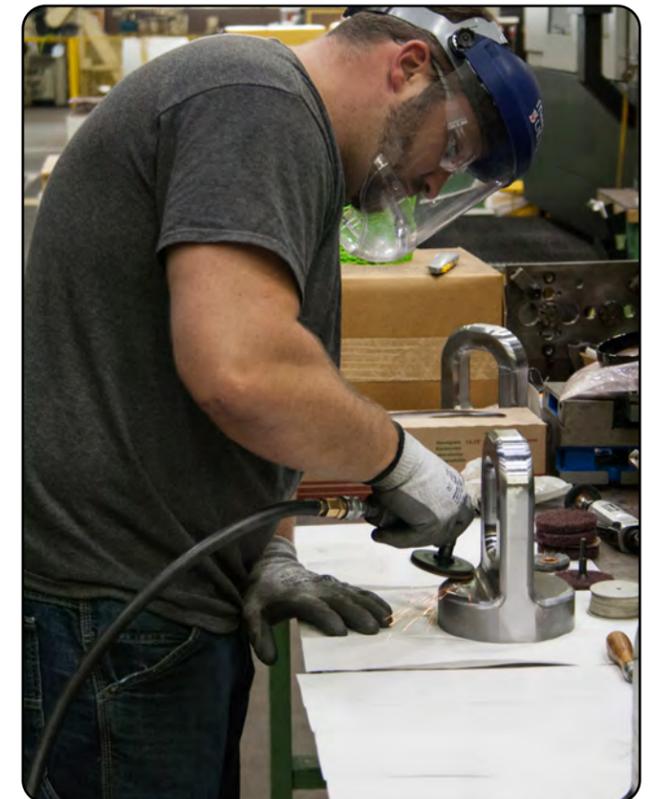
**Hot Metals** – RIA-JMTC's forging capability is complete with advanced technology for complex forging and "old world" methods for simple forging and blacksmithing.

**Precision Machining** – The Arsenal's machining capabilities are unmatched, with 3-axis to 7-axis

machining centers, Swiss lathes, and more than 1,000 computer numerical control machines.

**Science and Engineering** – RIA-JMTC employs the latest technologies when acquiring new equipment and performing advanced testing, prototyping and use of quality control systems.

**Welding and Fabrication Facilities** – These facilities include technology spanning from lasers and a robotic welder to water jets and plasma cutters.



Marc Bliue, Rock Island Arsenal-Joint Manufacturing and Technology Center machinist, completes a bomb hangers for Blue Grass Army Depot. RIA-JMTC manufactures a production aid for Blue Grass Army Depot. Due to availability of materials, RIA-JMTC was able to produce bomb hangers for the Depot in 21 days. The process of making the hangers is just under three hours using two machining centers. (U.S. Army photo by Debralee Best)

## FIND OUT MORE

Rock Island Arsenal - Joint Manufacturing and Technology Center

1 Rock Island Arsenal, Building 210

Rock Island, IL 61299

<https://ria-jmtc.ria.army.mil>

 /RIAJMTC

 @RIA\_JMTC

 /RIAJMTC

# SIERRA ARMY DEPOT



LOCATION  
• Herlong, California

Sierra Army Depot technicians prepare a Howitzer for demilitarization before it goes to Defense Logistics Agency-Disposition Services. Sierra Army Depot prepares thousands of pieces of Army equipment for turn-in to DLA-DS annually. (U.S. Army photo by Lloyd Gubler)

**Sierra Army Depot (SIAD)** provides a readiness platform to the total Army and joint force. The depot is designated as a Center for Industrial and Technical Excellence (CITE) for all petroleum and water systems, and operational project stocks.

## INTRODUCTION

SIAD performs a wide variety of long-term logistics and sustainment missions, ranging from equipment receipt and asset visibility to long-term care, storage and sustainment, to repair/reset of all Army fuel and water systems. The depot is a subordinate of TACOM and offers an enterprise-wide competitive solution to logistics challenges and fills a critical void in materiel and equipment management nearing the end of its first life. These operations provide a readiness and operational value to the DOD through management and controlled redistribution of this equipment.

SIAD is highly experienced with equipment reset, new assembly/kitting operations, training operations, maintaining operational project stocks, and a redistribution mission for Class VII and Class IX items. It has established an End of First Life Center for combat and non-combat vehicles.

Sierra Army Depot supports similar functions for Organizational Clothing and Individual Equipment (OCIE) and Central Management Office (CMO) to receive, identify, classify and receipt/record clothing for multiple agencies such as the Program Execution Office, the CMO, the Defense Logistics Agency, and the U.S. Air Force. The depot can process excess OCIE from these agencies and various Clothing Issue Facilities (CIFs) as well as returned items from Southwest Asia, including posts, camps and stations. These capabilities have enabled the depot to become a consolidation and distribution center for the CMO, supporting brigade-level OCIE reset operations and the U.S. Army Reserve CIF. The depot also repairs defective Enhanced Small Arms Protective Insert (ESAPI) plates at a considerable cost savings to the Army.

## CAPABILITIES & MISSION EXECUTION

Sierra Army Depot was established in 1942 as an ordnance and general supply storage depot. Over the years, SIAD as adapted to changing conditions by becoming home of operational project systems. Today, SIAD offers a range of unique logistics, sustainment and maintenance capabilities.

Capabilities include:

- Certified in both ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Standard; a Voluntary Protection Program Star-certified installation
- More than 36,000 buildable acres
- 10,000-foot runway capable of supporting military and commercial aircraft
- Experts in assembly and kit configuration management, packaging and containerization of military unique systems
- Continuously invests in process improvement to refine and advance core competencies of logistics, rapid deployment and industrial operations
- Executes the receipt, accountability, storage, care of supplies in storage, reset, upgrades, system configuration, kitting and assembly and worldwide shipping on a number of programs, to include Army Prepositioned Stocks, Force Provider, wholesale stocks and various fleet commodities
- Serves as a central management location for item and program-managed wholesale stocks and assets; receives, records, classifies, stores, maintains, sustains and ships material on owners' direction; total visibility of assets and materials to determine disposition and analyze future requirements
- Modern organic transportation network, capable of supporting all military and commercial aircraft, rail and trucks able to respond immediately to all requirements worldwide
- Preservation and packaging prototyping
- The Army's largest dedicated retrograde facility for equipment and material returning from units and theater; performs logistics management on a majority of the agency's non-Army managed items, Army managed items and returned Class IX equipment for reutilization and redistribution with guidance from item and program managers
- Manages a majority of the Army's retrograded Nonstandard Equipment (NSE); receives, identifies, classifies, inventories, stores, secures, inspects, packages and ships worldwide
- Receives, identifies, classifies, inventories, stores, secures, inspects, packages and ships worldwide, a large volume of the Army's OCIE items
- Manages excess Class VII major end items in its combat vehicle and equipment End-of-First Life Cycle Center; More than 20,000 combat vehicles and equipment items stored for item managers; receives, identifies, classifies,

inventories, stores, secures and ships assets; performs controlled parts' harvesting for production lines, active Army units, and Foreign Military Sales

## INDUSTRIAL SKILLS & FACILITIES

With more than 1,000 structures from igloos to warehouses and maintenance buildings, SIAD produces world-class results in every mission.

**Containerization and Assembly** – The depot's kitting and assembly capability includes prototyping, configuring, inspection and assessment of returns, replacements, preservation and packaging, equipment testing, containerization and shipment.

**Container Rotator** – The rotator is used as an efficient way to rotate ISO, TRICON and MILVAN shipping containers, reducing the total handling time from several hours to 20 minutes, and reducing manpower needs for container logistics support.

**End of First Life Center** – SIAD's combat vehicle End of First Life Center includes equipment consolidation surveillance and inspection, prepositioned stock care of supplies in storage, asset and inventory management, regeneration programs for both end items and subcomponents, upgrades and redistribution, configuration management, kitting and system assembly/disassembly.

**Maintenance** – SIAD's maintenance personnel facilitate mechanical repairs, corrosion control, metal fabrication and repairs.

**Retrograde, Reutilization and Redistribution** – The largest organization at SIAD: The Reclamation and Redistribution facilities, receive retrograde materials from southwest Asia, Europe and posts, camps and stations across the U.S.

**Transportation** – SIAD is recognized for its transportation capabilities because of its airfield, joint air operations training and improved logistical support to the warfighter.

## FIND OUT MORE

Sierra Army Depot

74 C St.

Herlong, CA 96113

[www.sierra.army.mil](http://www.sierra.army.mil)

[/SierraArmyDepot](https://www.facebook.com/SierraArmyDepot)

[@TACOMSIAD](https://twitter.com/TACOMSIAD)

# WATERVLIET ARSENAL

## LOCATION

• Watervliet, New York

A Watervliet Arsenal artisan deburrs threads on a howitzer barrel following final machining. (U.S. Army photo)

**Watervliet Arsenal (WVA)** provides manufacturing, engineering, procurement and quality assurance for cannons, mortars and associated materiel throughout the acquisition life cycle.

## INTRODUCTION

WVA, widely known as “America’s Cannon Factory,” is ISO 9001:2015 certified and is designated as a Center for Industrial and Technical Excellence for cannon and mortar systems.

At the arsenal, more than 700 Department of the Army personnel are tied to on-site production. Machinists work within tens of thousandths of an

inch tolerances on products -- as small as those that can fit into a pants pocket to as large as a howitzer barrel.

WVA is also home to Combat Capabilities Development Command Benét Laboratories, a Malcolm Baldrige Award recipient, whose mission includes the development of arsenal products and technology for future weapon systems. This arrangement of research, development and manufacturing at a single site facilitates concurrent design and manufacturing. WVA is a subordinate of TACOM.

## CAPABILITIES & MISSION EXECUTION

The arsenal readily offers a full complement of modern manufacturing and laboratory equipment, along with a highly trained staff of scientists, engineers, technicians and machinists to any industry – military or civilian.

WVA and its partner Benét Laboratories are the Army’s capability and Center of Excellence for large-caliber weapon systems. Watervliet and Benét support the Army’s fighting force with direct-fire tank guns, indirect fire artillery cannons, mortars and components, sustainment parts, and spares for all weapon systems produced at WVA. The co-location of research, design,



development, engineering and manufacturing provides customers with quick, seamless transition from concept design through prototyping to production. This is an integrated and inherently lean activity that focuses upon manufacturing and technology readiness in support of DOD readiness.

The arsenal partners with the entire acquisition community, private industry and government in the design and prototyping of large-caliber weapon systems. Customer expectations are exceeded by the arsenal’s expertise in ultra-high-pressure components and advanced coatings that are stronger and lighter with longer service lives. WVA also leverages public-private partnering. These on-site private industry companies broaden Watervliet’s capability and capacity with research, manufacturing and facility maintenance expertise.

The oldest continuously active arsenal in the United States, WVA began operations during the War of 1812. After decades of producing ammunition cartridges, wooden-gun carriages and saddles, the arsenal was chosen in 1887 to be the nation’s cannon factory. For more than 200 years, WVA has produced critical weapons, parts and wartime materiel that has helped



Raw material is removed from a furnace to begin its journey in cannon production at Watervliet Arsenal’s rotary forge. (U.S. Army photo by John Snyder)

hundreds of thousands of the nation’s warfighters come home safely from battle.

## INDUSTRIAL SKILLS & FACILITIES

WVA is an arsenal-manufacturing complex situated on a 143 acre site and spans 72 buildings with 2.1 million square feet of manufacturing and administration space.

**Boring** – WVA has the capability of boring components, as well as computer numerical controlled contour boring.

**Composite Fabrication** – WVA is equipped with composite lay-up, filament winding and other advanced fiber placement capabilities for a variety of composite materials.

**Fabrication / Welding** – WVA has punch presses up to 30 tons, press brakes up to 200 tons and metal forming rolls to handle up to 3/8 inch thickness.

**Flow Form** – WVA capabilities include a cold work process used to manufacture dimensionally precise, round, seamless and hollow components.

**Grinding** – WVA has a wide range of precision grinding capabilities.

**Manufacturing and Technology Center** – WVA is equipped with a variety of modern machining equipment, which provides the versatility to machine virtually any part configuration.

**Milling** – WVA is equipped with a large variety of vertical and horizontal milling machines, both conventional and computer numerical-controlled.

**Rotary Forging** – WVA maintains an advanced rotary forging capability for tubes capable of handling work pieces from 21.75 inches in diameter down to 4 inches in diameter. WVA has a “best of breed” public-private partnership with a commercial partner that utilizes WVA’s forge to forge solid bars in various configurations.

**Sheet Metal Work** – Sheet metal shops at WVA are equipped to shear, roll and bend sheet metal.

**Tool Room** – WVA has a state-of-the-art facility available for a wide range of services, including the capability to reverse-engineer, design, manufacture, prototype and repair fixtures, gages, end mills and other items requiring close tolerances.

**Turning** – WVA is equipped with a large variety of turning capabilities, both conventional and computer-numerical controlled.

**Water Jet and Laser Cutting** – WVA has the capability to water jet plate stock with various table sizes and a 5000-watt fiber laser cutter.

## FIND OUT MORE

**Watervliet Arsenal**

**1 Buffington Street**

**Watervliet, NY 12189-4050**

<https://www.wva.army.mil>

[f /WatervlietArsenal](https://www.facebook.com/WatervlietArsenal)

[@Watervliet\\_Army](https://twitter.com/Watervliet_Army)



## U.S. ARMY FINANCIAL MANAGEMENT COMMAND

**U.S. Army Financial Management Command (USAFMCOM) enables the readiness of America's Army by serving as its focal point for all finance and comptroller (FC) operations while providing FC capabilities that facilitate accountability, auditability and stewardship.**

### LOCATIONS

- Headquarters – Indianapolis, Indiana
- Systems Support Operations Arlington, Virginia
- Strategic Initiatives Group/G3 Cell – Fort Jackson, South Carolina (co-located with the Army Financial Management School)
- SSO Global Combat Support System-Army Finance – Fort Lee, Virginia
- USAFMCOM DMPOs – 49 locations in the U.S. and Japan

### INTRODUCTION

USAFMCOM conducts enterprise-level financial operations and provides technical coordination for FC units and commands across the Army, ensuring the effective implementation of policies and programs to support optimal resourcing. USAFMCOM is responsible for Army FC functional support in the areas of systems, audit and compliance, financial operations, and Enterprise Resource Planning (ERP) business standardization.

The command also provides Army-wide, unique actions such as operational oversight of field FC activities, FC unit technical training, electronic commerce and classified finance and accounting oversight. In doing so, the command also provides FC expertise and coordination on the adequacy of finance policies, as well as systems and reporting requirements to units at all levels throughout the Army, and to the Defense Finance and Accounting Service (DFAS).

USAFMCOM is comprised of five directorates: Army Financial Services (AFS), Audit Response Center (ARC), Business Process Management (BPM), Systems Support Operations (SSO) and Military Pay Operations (MPO). Each directorate serves a distinct – but equally vital – task within both Army finance and information systems support.

### ARMY FINANCIAL SERVICES

Army Financial Services (AFS) oversees enterprise-wide finance

support to expeditionary and garrison FC organizations, sustains electronic commerce and banking capabilities, provides technical training and evaluation of financial management units, and provides oversight and support to Army classified finance and accounting operations.

The directorate also maintains oversight of the Army's disbursing and entitling operations, as well as manages the Army network of civilian pay customer service representatives, Improper Payments Elimination and Recovery Program, and Army Mass Transportation Benefits Program. Additionally, AFS serves as the lead activity on all external and Army-wide finance operational audits.

AFS, working with the U.S. Treasury and Federal Reserve Banks, provides a range of electronic commerce systems. These systems include the EagleCash and EZpay stored value cards, as well as financial systems for processing electronic international and domestic payments and collections.

A key element of AFS is the Operational Support Team, which conducts pre-deployment FC operations and Resource Management training to Reserve and National Guard financial management units; provides pre-deployment technical evaluations for all three components; and supports units throughout their deployment cycle. The team also evaluates units' abilities to meet their Standards for Training Proficiency and prepare for Multi-Domain Operations during large scale combat operations by providing external technical evaluations under the Sustained Readiness Model based on Objective-T.

### SYSTEMS SUPPORT OPERATIONS

System Support Operations' (SSO) mission is to provide headquarters-level FC domain systems support, user support, and governance of the Army's modernized and deployed FC domain ERP systems. This ensures technological capabilities, maturation and evolution align with Army and FC domain objectives.

This mission is carried out by providing Tier 2 help desk support for both the General Funds Enterprise Business System (GFEBS) and the Global Combat Support System-Army (GCSS-A), facilitating governance over FM requirements impacting GFEBS, and shepherding functional improvements through the system development and deployment process in conjunction with the GFEBS and GSCC-A Project Management Offices (PMOs).



SSO also is responsible for designing and deploying value-added dashboards and reports via the GFEBS Business Intelligence toolset; providing instructor-led, end-user refresher training for the GFEBS transactional and data analytics capabilities; supporting all end users in Army's financial statement audit endeavors, and the GFEBS PMO in the System and Organization Controls audits.

### BUSINESS PROCESS STANDARDIZATION

Business Process Management's (BPM) role is to provide end-to-end (E2E) standardized process maps and documentation, field implementation support and conduct compliance validation for the Army's business processes that have a financial impact. BPM drives continuous process improvement by leveraging the Army's E2E business process standards to address external findings and identify process deficiencies as well as maximize Army time, resources and manpower for readiness, reform and modernization.

The directorate improves and optimizes Army standardized processes that pertain to finance policies, systems and reporting requirements; provides E2E field implementation support for processes; and delivers campaigns that improve readiness and establish a culture of audit success. It also established and maintains the Army Process Portal, a CAC-enabled website developed to provide Army-wide access to signed business process standardization

ABOVE: First Lt. Sea Na, 27th Financial Management Support Unit, left, and Ma Rivera, U.S. Military Training Mission to Saudi Arabia cashier, download information from an EagleCash kiosk during a training session at the Federal Reserve Bank. Soldiers, Marines and civilians trained on a electronic commerce programs and technologies used by deployed service members. (U.S. Army photo by Mark R.W. Orders-Woempner)

OPPOSITE PAGE: Master Sgt. Cassandra McCulloch, U.S. Army Financial Management Command Operations Support Team instructor, trains Soldiers on electronic commerce systems in Indianapolis. (U.S. Army photo by Mark R. W. Orders-Woempner)



Finance soldiers from all three Army components – active U.S. Army, the U.S. Army Reserve and the National Guard – conduct training with U.S. Army Financial Management Command before deploying with their units. (U.S. Army photo)

documentation and other information about the Army business process standardization initiative.

BPM is comprised of four key functional areas including Business Process Standardization (BPS), Business Process Assurance (BPA), Business Process Improvement (BPI), and Integration and Governance.

BPS partners with stakeholders to standardize the business processes that have the most significant impacts on the general ledger and Army financial statements, including civilian pay, disbursing, contract and vendor pay, reimbursable work orders and military pay. BPS assembles the Army's E2E business process standards, to include process maps, process details, process cycle memos and all things audit content. Army process standards support audit walkthroughs, process improvement, and reform by identifying duplications and gaps in a process which allows leaders to reduce cost, increase efficiencies and eliminate weaknesses.

BPA reduces direct and indirect audit costs by increasing auditor reliance on the Army's control environment. BPI capitalizes on opportunities to reduce cost through process efficiencies and cycle time reduction, delivering more buying power across the Army. Integration and Governance provides program management, change control, and systems and sustainment support for all BPM-related activities, ensuring overarching alignment.

### AUDIT RESPONSE CENTER

The Audit Response Center (ARC) executes and implements FC audit policies, providing oversight and

evaluation of enterprise compliance preparedness for audit-of-business processes through discovery, testing and training.

By doing so, ARC helps the Army navigate the annual financial statement audit through operational initiatives aimed at planning, preparing and reporting. Through collaboration with multiple stakeholders in the Department of the Army and the Department of Defense, ARC facilitates the determination and elimination of key weaknesses in Army FM, such as reconciling and reporting on Fund Balance with the Treasury.

ARC also supports independent public accountant activities including walkthroughs, population and audit samples, findings and corrective action plans. The directorate monitors, inspects and reports on corrective actions to completion, as well as supports resolution and oversight of service providers' critical audit issues.

### MILITARY PAY OPERATIONS

Military Pay Operations (MPO) performs the installation-level military support for the Army across the U.S. and Japan. The MPO headquarters in Indianapolis manages 35 Defense Military Pay Offices (DMPOs) and 14 satellite offices at 49 locations.

The DMPOs perform the full range of military pay services to include in- and out-processing, input of transactions generated by orders and forms from Army units and activities, and separations. At select installations, the DMPOs process accession transactions for new Soldiers.

The DMPOs also support the strategic readiness of the Army through support of mobilization/demobilization and Soldier Readiness Processing prior to deployments. When collocated with a Financial Management Support Unit (FMSU), the DMPO and FMSU work as a team to provide installation military pay support.

### FIND OUT MORE

U.S. Army Financial Management Command

8899 East 56th Street

Indianapolis, IN 46249

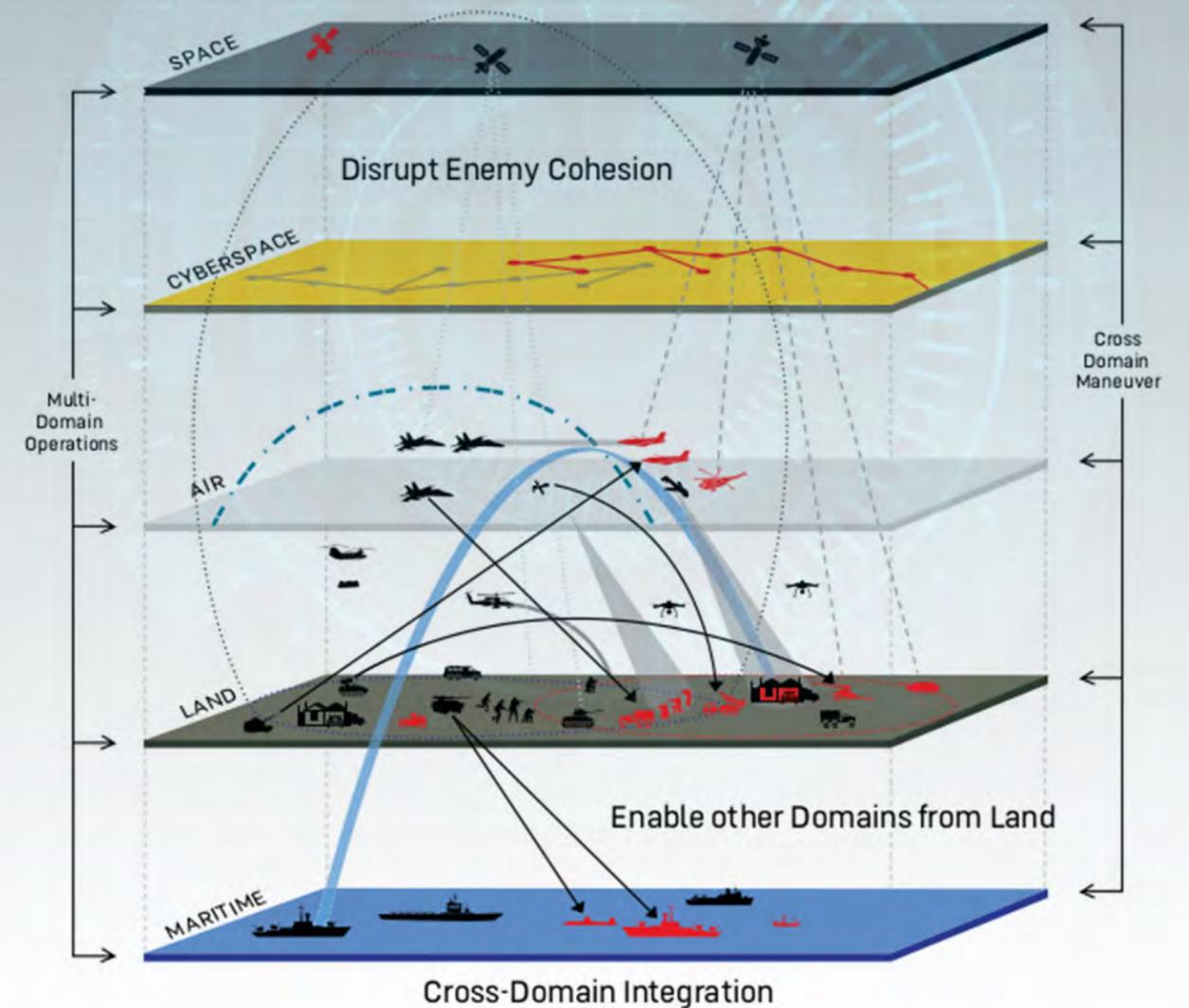
<https://www.usafmcom.army.mil>

 /USAFMCOM

 @USAFMCOM

# Multi-Domain Operations

The joint force is preparing for large scale combat across land, sea, air, space and cyberspace. Under the Multi-Domain Operations concept, AMC delivers readiness from the Strategic Support Area, where military power is projected, to the tactical points of need.





# U.S. ARMY SECURITY ASSISTANCE COMMAND

**U.S. Army Security Assistance Command (USASAC) manages security assistance programs and Foreign Military Sales (FMS) for the Army – acting as the primary entry point for Army materiel and service-related FMS requirements.**

#### PRIMARY LOCATIONS

- Headquarters – Redstone Arsenal, Alabama
- New Cumberland, Pennsylvania
- Fort Belvoir, Virginia
- Fort Bragg, North Carolina
- Saudi Arabia

#### FIND OUT MORE

**U.S. Army Security Assistance Command**

**4402 Martin Road**

**Redstone Arsenal, AL 35898**

<https://www.usasac.army.mil>

/USASAC

@USASAC

/U.S. Army Security Assistance Command

#### INTRODUCTION

USASAC leads AMC's security assistance enterprise. The command develops and manages security assistance programs and FMS cases to build partner capacity, support geographical combatant command engagement strategies and strengthen U.S. global partnerships.

USASAC implements approved Army security assistance programs, including FMS of defense articles and services to eligible allies and partners. The command is responsible for life cycle management of FMS cases, from pre-letter of request to development, execution and closure.

#### CAPABILITIES & MISSION EXECUTION

To carry out the Army security assistance mission, USASAC relies on all AMC life cycle management commands (LCMCs), as well as Department of Defense agencies and U.S. industry to support its processes. Sale of equipment to overseas customers includes the opportunity for the "total package" of quality materiel, parts, training, publications, technical documentation, sustainment and other services that AMC provides to Army units.

By synchronizing efforts across the Army Security Assistance Enterprise and within the AMC LCMCs, the enterprise is ensuring FMS requirements are not competing with Army requirements and FMS does not hurt Army readiness.

ABOVE: An M1A1 (situational awareness configuration) Abrams tank, part of an Excess Defense Articles Foreign Military Sales case, gets unloaded in Morocco. (U.S. Army photo)



An OH-58D Kiowa Warrior helicopter, part of an Excess Defense Articles grant, is unloaded at the Greek port city of Volos. (Courtesy)

Instead, if handled in accordance with Army Regulations, FMS requirements enhance the Army supply chain by providing opportunities for economies of scale, support to the industrial base, refresh of stock with a shelf life and general support to the health of the Army Working Capital Fund.

USASAC supports Army and allied efforts from its headquarters at Redstone Arsenal, Alabama, and its two former headquarters at New Cumberland, Pennsylvania, and Fort Belvoir, Virginia.

Fort Bragg, North Carolina, is home to the U.S. Army Security Assistance Training Management Organization, a USASAC subordinate organization that facilitates deployment of training teams throughout the world in support of equipment purchased through FMS.

The Office of the Program Manager-Saudi Arabian National Guard and the Ministry of Interior-Military Assistance Group, also USASAC subordinate organizations, operate out of Riyadh, Saudi Arabia. Both offices provide on-the-ground support to our Saudi allies.

RIGHT: Team members from defense industry contractor SES-I, who refurbished UH-60 Black Hawk helicopters for Afghanistan under a U.S. Army Security Assistance Command FMS case, upload the helicopters into an Antonov AN-124, at the airfield in Huntsville, AL. (U.S. Army photo by Richard Bumgardner)

#### HISTORY

Security assistance, a national program administered by the State Department, is a major component of U.S. foreign policy. While foreign aid functions of the U.S. Army had been around for decades, they were not formalized under AMC until 1965.

Since its formation, USASAC has supported major military operations and helped spearhead international peacekeeping and humanitarian efforts. The organization continues to enable Army Readiness by building partner capacity of allies and partners, which supports greater interoperability for more effective operations.



# THE MINISTRY OF INTERIOR-MILITARY ASSISTANCE GROUP

LOCATION  
• Riyadh, Kingdom of Saudi Arabia



A U.S. Army Reserve Soldier, center, and his Saudi interpreter, right, give guidance on self-defense techniques to two Kingdom of Saudi Arabia security force students at a training site in Saudi Arabia. The Soldier, along with about 100 other military instructors, is deployed to support the U.S. Army Security Assistance Command's Military Assistance Group. Called MOI-MAG, the DOD program teaches Saudi Ministry of Interior security forces how to defend their country's critical infrastructure sites like ports, airports, bridges, oil pipeline and refineries. For Soldiers, self-defense is an important skill to know when alone on a mission and having to defend themselves from a physical attack. (U.S. Army photo by Richard Bumgardner)

**The Ministry of Interior-Military Assistance Group (MOI-MAG)** is a USASAC subordinate organization that trains and provides technical assistance to the Foreign Military Sales (FMS) qualified sectors of the Saudi Ministry of Interior.

## INTRODUCTION

MOI-MAG (formerly called Facilities Security Forces-Training Advisor Group, or FSF-TAG) was restructured, transitioning in 2015 from the administrative control of U.S. Army Central Command to USASAC.

The change in designation and mission expansion was fueled by the heightened security environment and physical threats in, around and within the borders of the Kingdom of Saudi Arabia.

MOI-MAG provides technical assistance to the FMS qualified sectors of the Saudi Ministry of Interior through institutional military training programs, engineering and design support, explosive ordnance, Ranger and Special Operations Forces training, aviation advisory support, and participation in the International Military Education and Training program.

The Saudi Ministry of Interior contributes to regional and global stability, strengthens military support for strategic partners and limits the spread of transnational threats, including terrorism and trafficking of narcotics, weapons and people.

## CAPABILITIES & MISSION EXECUTION

In coordination with mission partners, the MOI-MAG supports 14 cases valued at \$303.2 million to train and advise Saudi's Facilities Security Forces, special security forces, border guard and its General Security Aviation Command.

The protection of critical infrastructure facilities has a considerable impact on the global economy and stability throughout the Middle East.

This partnership advances the strategic relationship between the U.S. and Saudi Arabia. The renewal and expansion of MOI-MAG in 2015 speaks to the continued commitment of U.S.-Saudi relations. MOI-MAG bolsters the Army Operating Concept 2020-2040 by shaping the environments in support of U.S. Army Central Command to further develop partner capacity.

## FIND OUT MORE

<https://usasac.army.mil/moimag>

# OFFICE OF THE PROGRAM MANAGER- SAUDI ARABIAN NATIONAL GUARD MODERNIZATION PROGRAM

LOCATION  
• Riyadh, Kingdom of Saudi Arabia

Members of the Saudi Arabian National Guard participate in helicopter assault training. (U.S. Army photo by Chief Warrant Officer 4 James Robinson)

**The Office of the Program Manager-Saudi Arabian National Guard Modernization Program (OPM-SANG)** is a USASAC subordinate organization that provides advice and assistance in modernizing the Kingdom's Ministry of the National Guard (MNG).

## INTRODUCTION

OPM-SANG's mission is to maintain and enhance the relationship between the Kingdom of Saudi Arabia (KSA) and the U.S. The program exists to advise and assist, increasing the capacity of the MNG to defend KSA, while continuing to improve the enduring partnership between the two nations.

OPM-SANG helps build international partner capacity, providing both interoperability and independent capability for the KSA. This mission is vital to achieving U.S. national security objectives and stability throughout the Middle East.

Within the framework of the Army's Prevent, Shape and Win strategy, OPM-SANG is a dynamic shaping entity that assists in building the capacity of a strategically important partner within the region. The modernization program will continue to develop the MNG's capability to unilaterally initiate, sustain and operate modern military organizations and security contingency in defense of the KSA.

The modernization of the full-time Saudi Arabian National Guard encompasses training, equipment, maintenance, supply, procurement, management, organization, health care and facilities. It is fully funded by the government of Saudi Arabia through Foreign Military Sales (FMS) cases executed by USASAC.



## CAPABILITIES & MISSION EXECUTION

OPM-SANG is comprised of Soldiers, Department of the Army Civilians and contractor personnel, many of whom serve as advisers and come from a diverse background with numerous military occupational skills. Using their military expertise and diplomatic skills, these advisers are fully embedded within their organizations and meet daily with their Saudi counterparts to provide advice in the areas of personnel, training, logistics and equipment. To date, OPM-SANG has managed more than \$31 billion in FMS cases that purchased weapons, vehicles, training and rotary-wing aircraft.

OPM-SANG is a security assistance success story, in part due to its close working relationship with the MNG at all levels of leadership. With the continued support of the Army, the Department of Defense and Department of State, the OPM-SANG Modernization Program will continue to build upon its past progress and success.

## FIND OUT MORE

<https://www.army.mil/OPM-SANG>

[/opm.sang](https://www.facebook.com/opm.sang)

# U.S. ARMY SECURITY ASSISTANCE TRAINING MANAGEMENT ORGANIZATION

LOCATION  
• Fort Bragg, North Carolina

A graduate from UH-60 Mission Qualification Training proudly holds his certificate of training at a graduation ceremony at Kandahar Airfield, Afghanistan. Thirty-one Afghan air crew members graduated during the ceremony. (U.S. Air Force photo by 1st Lt. Erin Recanzone)

The U.S. Army Security Assistance Organization (USASATMO) employs security assistance training teams throughout the world to provide custom training solutions for partner nations to build their organic defense capabilities.



## INTRODUCTION

USASATMO is a brigade-level subordinate command of USASAC that employs Security Assistance Teams (SAT) worldwide to support Army security assistance requirements for non-institutional training, technical advice, support and assistance. USASATMO missions are primarily outside the continental U.S. and are comprised of a SAT training partner nation soldiers.

## CAPABILITIES & MISSION EXECUTION

USASATMO supports security assistance requirements with military personnel, Department of the Army Civilians and contractors. SATs receive their support through an appropriate foreign military sales (FMS)/ Foreign Military Financing (FMF) or Building Partner Capacity (BPC) case, and train using partner nation equipment.

The SAT request process begins with a letter of request (LOR) from the host nation outlining the training requirement. USASATMO then develops, forms, prepares and employs geographically dispersed SATs that provide tactical level expertise and creative training solutions in accordance with USASAC priorities. The lead time for SAT is typically 12-24 months and missions can have a duration from a few weeks to several years, depending on the specific requirement.

USASATMO's ability to employ active duty and Reserve

component Soldiers, along with Department of the Army Civilians and contractors gives the unit flexibility in developing customized training solutions. The ability to PCS Soldiers to locations outside the continental U.S. under Title 22 authorities is unique within the Army Security Assistance Enterprise. USASATMO's flexibility allows their SATs to train a wide variety of subjects and skillsets including aviation, waterborne operations, defense education and advisory efforts, air defense, small unit tactical training and other technical disciplines.

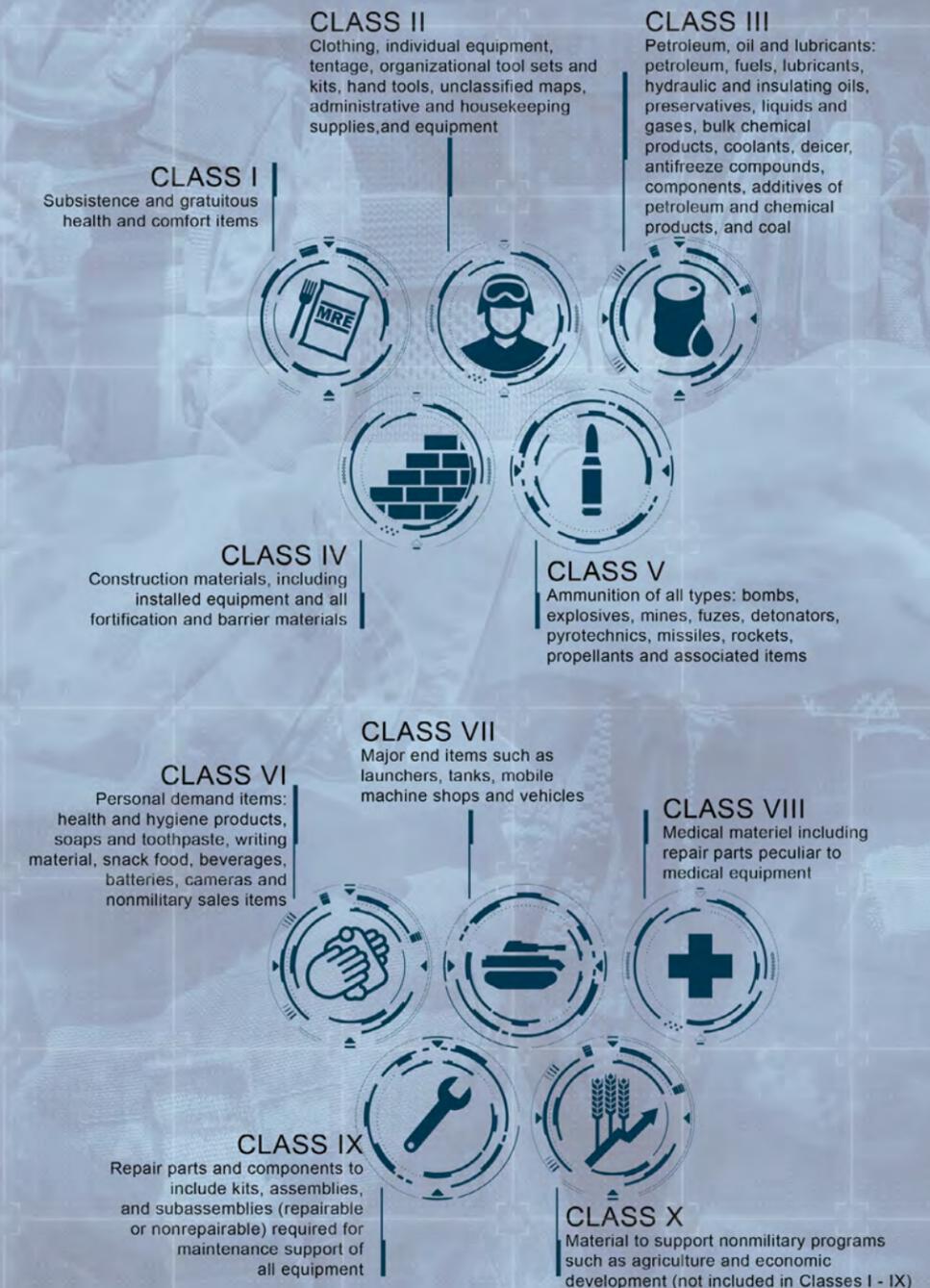
USASATMO's motto is "Train the World" and consistently has teams employed worldwide supporting all geographic combatant commands.

## FIND OUT MORE

U.S. Army Security Assistance  
Training Management Organization  
C-3832 Ardennes Street  
Fort Bragg, NC 28310  
<http://www.usasac.army.mil/satmo>

# Army Classes of Supply

AMC provides the equipment and supplies warfighters need to win on the battlefield.





## U.S. ARMY CHEMICAL MATERIALS ACTIVITY

**The U.S. Army Chemical Materials Activity (CMA) safely stores the chemical weapon stockpile and assesses and destroys Recovered Chemical Warfare Materiel (RCWM).**

### PRIMARY LOCATIONS

- Headquarters – Aberdeen Proving Ground, Maryland
- Pueblo Chemical Depot – Pueblo, Colorado
- Blue Grass Army Depot – Richmond, Kentucky
- Recovered Chemical Warfare Materiel Treatment – Treatment locations worldwide

### FIND OUT MORE

U.S. Army Chemical Materials Activity

8435 Hoadley Road (Bldg E4585)

Aberdeen Proving Ground, MD 21010

<https://www.cma.army.mil>

[f](#) /USArmyCMA

[@usarmycma](#)

### INTRODUCTION

As an AMC separate reporting activity, CMA safely stores the nation's chemical stockpiles; supports the stockpile destruction mission; protects the public, workers and environment near those stockpiles; supports the international treaty overseeing chemical weapons elimination; and assesses and destroys Recovered Chemical Warfare Materiel (RCWM).

CMA's headquarters management team and scientific, communications and support staff is based at Aberdeen Proving Ground-South. Dedicated personnel fulfill CMA's mission at the remaining chemical stockpile storage sites at Blue Grass Chemical Activity (BGCA), Pueblo Chemical Depot (PCD) and at RCWM locations across the nation.

BGCA ensures safe, secure storage of the chemical weapons stockpile until the ongoing destruction mission is complete. BGCA is a Blue Grass Army Depot tenant, located on 250 acres of the 15,000-acre depot and stores approximately 2% of the nation's declared chemical weapon stockpile. PCD safely and securely stores approximately 8% of the nation's declared chemical weapon stockpile, delivering munitions in support of the ongoing destruction mission.

Prior to 2012, CMA stored and destroyed chemical weapons at seven chemical stockpile sites, representing nearly 90% of the declared U.S. chemical stockpile, and eliminated the nation's former production facilities and binary chemical weapons inventory.

ABOVE: The Recovered Chemical Materiel Directorate's (RCMD) Logistics and Maintenance team is responsible for the training of all personnel who operate RCMD's Explosive Destruction System (EDS). Using inert munitions, operators train on loading the vessel of the EDS. (U.S. Army photo by Jessica Tayson)

### CAPABILITIES & MISSION EXECUTION

#### Store – Chemical Stockpile

CMA is responsible for safe storage of the nation's two remaining chemical weapon stockpiles until they are destroyed. BGCA and PCD store the stockpiles in specially designed storage igloos. Both BGCA and PCD maintain highly trained personnel to protect the stockpile, requiring specific, extensive qualifications and certification. Both locations maintain readiness to deliver munitions for destruction. CMA also is responsible for depot management of PCD.

#### Protect – Workers, Public and Environment

The Chemical Stockpile Emergency Preparedness Program (CSEPP) educates and enhances emergency preparedness in communities surrounding the chemical stockpiles in Kentucky and Colorado. CSEPP was created in 1985 when Congress passed a law directing the Army to dispose of its aging chemical weapons inventory with maximum protection of the public and environment as its primary consideration. Since the program began, state and local emergency management officials have teamed up with the Army and Federal Emergency Management Agency to protect communities near the chemical stockpiles. This partnership enhances emergency planning and provides response equipment and warning systems.

#### Comply – Chemical Weapons Convention

The CMA Director is assigned as the Army Implementing Agent for the treaty known as the Chemical Weapons Convention (CWC), which entered into force April 29, 1997. The United States and 86 other nations were the first to sign and ratify the CWC; today, nearly every nation in the world is a member. CMA's Center for Treaty Implementation and Compliance is a vital link between the U.S. and the Organisation for the Prohibition of Chemical Weapons (OPCW), the international organization that oversees the CWC. OPCW teams, which verify compliance during inspections of declared U.S. storage, destruction and Schedule 1 facilities, are met by a host team that includes CTIC personnel who manage the inspection on behalf of the U.S.

#### Assess/Destroy – Recovered Chemical Warfare Materiel

CMA's Recovered Chemical Materiel Directorate (RCMD) provides centralized management and direction to the Department of Defense for assessment and destruction of RCWM in a safe, environmentally sound manner. RCMD develops and maintains the equipment,

personnel and expertise to destroy RCWM, deploying teams to support missions around the country. RCMD's trained personnel and mobile assessment and treatment systems identify and destroy RCWM. RCMD's research, development, test and evaluation team continually enhances, expands and develops technologies to meet the needs of the RCWM Program.

### UNIQUE SYSTEMS AND CAPABILITIES

#### Chemical Accountability Management Information Network (CAMIN)

- This CMA database tracks the quantity, location and destruction status of both stockpiled and recovered chemical munitions, supporting Army regulations and the CWC.

**Explosive Destruction System (EDS)** - This destruction technology can be transported to locations across the nation to safely destroy RCWM.

**Single CAIS Access and Neutralization System (SCANS)** - This handheld chemical treatment system neutralizes the agent in recovered Chemical Agent Identification Set (CAIS) bottles.

**Interim Holding Facilities (IHF)** - IHFs provide safe, temporary storage for RCWM where facilities such as igloos and bunkers are unavailable.



Jonathan Strunk (left) and Timothy McClish (right), Blue Grass Chemical Activity toxic materials handlers, use straps to secure munitions onto a pallet during munitions movement training while Nichole Mego (center), BGCA inventory specialist, observes at the Blue Grass Army Depot Feb. 19, 2019. (U.S. Army photo by Angela Messinger)



# LOGISTICS DATA ANALYSIS CENTER

**T**he Logistics Data Analysis Center (LDAC) provides sustainment data, information technology and decision support to improve readiness and enable effective Army senior leader decision making from the Strategic Support Area to the tactical point of need.

**LOCATION**  
• Redstone Arsenal, Alabama

- CORE COMPETENCIES**
- Decision Analysis Support
  - Data Management and Quality
  - Data Governance and Policy
  - Tool Development

**FIND OUT MORE**  
Logistics Data Analysis Center  
3305 Redeye Road  
Redstone Arsenal, AL 35898  
<https://logsa.army.mil>  
f /AMC.LDAC

## INTRODUCTION

An AMC separate reporting activity, LDAC, formerly LOGSA, refocused its mission, shifting its emphasis from logistics execution to data management, business intelligence and data science/information analytics. This includes decision support analysis, tools, data and acquisition support. LDAC's efforts to synchronize, integrate and conduct analysis of sustainment data provides materiel solutions to assist senior leader decision making while improving Army readiness.

## CAPABILITIES & MISSION EXECUTION

To accomplish its mission, LDAC is organized into five functionally diverse divisions:

**Data Management Division** – Provides a centralized location in the materiel enterprise for managing and accessing integral authoritative logistics data and information, supporting timely strategic activities enabling warfighters' readiness posture.

**Strategic Decision Support Division** – Conducts research and analytics to solve the most challenging problems and to enable fact-based, resource-informed decisions by Army senior leaders from the Strategic Support Area to the tactical point of need.

ABOVE: A contract worker directs a vehicle as it is backed onto the M/V Liberty Passion at Naval Weapons Station, Joint Base Charleston, in Support of DEFENDER-Europe 20. The Logistics Data Analysis Center provides senior leaders with data including the number of ships used in a mission and what's on them. (U.S. Army photo by Kimberly Spinner)



Army Prepositioned Stock-5 trucks are moved as the 155th Armored Brigade Combat Team turns them back in to the 401st Army Field Support Brigade at Camp Arifjan, Kuwait. The Logistics Data Analysis Center provides senior leaders data including equipment coming inbound. (U.S. Army National Guard photo by Staff Sgt. Veronica McNabb)

**Operational Decision Support Division** – Develops and manages functional requirements for the design and sustainment of multi-functional business intelligence and information technology capabilities.

**Program Management Division** – Provides technical and programmatic oversight of solution design, development, testing, implementation, enhancements and sustainment activities through the use of current and emerging technologies to deliver trusted business intelligence and analytics decision support tools, optimizing Army Strategic Support Area effectiveness.

**Life Cycle Support Division** – Enables the transition to sustainment across all phases of product support development and execution through the standardization of product support analysis and logistics product data, and acquisition and logistics software tools. It also ensures adequate logistics product support is available for systems soon to be fielded or transitioned to AMC.

RIGHT: Pfc. Antonio Montes assigned to Company B, 1st Battalion, 3rd Aviation Regiment (Attack Reconnaissance) conducts maintenance on an AH-64 Apache helicopter at Katterbach Army Airfield, Germany, June 24. The Logistics Data Analysis Center provides senior leaders data on supply availability, ensuring Soldiers have what they need, when they need it. (U.S. Army photo by Charles Rosemond)





## U.S. ARMY RESERVE SUSTAINMENT COMMAND

**The U.S. Army Reserve Sustainment Command (ARSC) delivers cross-trained, modular and functionally deployable global materiel readiness, contracting, acquisition and Logistics Civil Augmentation Program (LOGCAP) capability in support of the warfighter through AMC and Defense Contract Management Agency (DCMA) in order to sustain land dominance.**

### LOCATIONS

- Headquarters – Birmingham, Alabama
- Army Materiel Command – Army Reserve Element - Huntsville, Alabama
- Army Contracting Command – Army Reserve Element (Provisional) - Redstone Arsenal, Alabama
- LOGCAP Support BDE and Army Sustainment Command – Army Reserve Element - Rock Island Arsenal, Illinois
- Defense Contract Management Agency – Army Reserve Element - Fort Lee, Virginia

### INTRODUCTION

The ARSC delivers cross-trained, multi-functional Army Reserve Soldiers in support of worldwide mission requirements for AMC, DCMA, Army Sustainment Command (ASC), LOGCAP and Acquisition Contracting Management Command. The ARSC command group provides mission command, training oversight, certification, validation and mobilization provisions in support of mission requirements. The ARSC is composed of Army Reserve Elements and the LOGCAP Support Brigade (LSB) that are aligned and embedded with active duty partners across the AMC enterprise, serving as strategic assets, force multipliers and support liaisons. The ARSC is a force provider that possesses 75% of the U.S. Army Reserve's acquisition professionals (51 series Soldiers) and is the only LOGCAP brigade in the Army's formation. Additionally, the ARSC provides test pilots for UH-60 testing, UH-60 warrant officers for maintenance and other UH-60 related special projects. The ARSC, from the strategic to tactical level, integrates a broad spectrum of capability, in support of AMC and DCMA across the sustainment enterprise.

### HISTORY

The ARSC was created in 2007 from existing individual mobilization augmentee positions assigned to the AMC enterprise, DCMA and

ABOVE: Soldiers from ARSC's Army Sustainment Command – Army Reserve Element deployed in support to stop the spread of COVID-19. ASC-ARE Soldiers worked from this location to provide an integration cell ensuring timely and accurate communication and shared situational awareness between the Joint Force Land Component Commander for U.S. Northern Command and ASC. (U.S. Army photo)



Soldiers from Army Materiel Command – Army Reserve Element on tour Anniston Army Depot. (U.S. Army photo by Lt. Col. Scott Redman)

the Assistant Secretary of the Army for Acquisition, Logistics and Technology. In 2008, the ARSC merged with the Multi-functional Support Command, which was originally established to provide Army Reserve augmentation to Army Sustainment Command. The merger enabled the Army Reserve Command, as the proponent for troop program units, to better manage AMC support requirements. The ARSC is assigned to the 377th Theater Sustainment Command for administrative control and aligned to AMC for operational control. The ARSC, specifically the Army Reserve elements (ARE) and the LOGCAP Support Brigade, is the primary sourcing solution for AMC Reserve component augmentation requirements worldwide.

### CAPABILITIES & MISSION EXECUTION

**Army Materiel Command – Army Reserve Element** - AMC-ARE provides an integrated force of trained Soldiers to AMC in order to augment the sustainment capabilities of the AMC mission. The AMC-ARE additionally provides direct support to the Aviation and Missile Command, Corpus Christi Army Depot, Letterkenny Army Depot, Logistics Data Analysis Center, Tank-automotive and Armaments Command, Communications-Electronics Command, U.S. Army Security Assistance Command and Joint Munitions Command.

**Army Contracting Command – Army Reserve Element** - ACC-ARE provides ready contingency contracting headquarters (brigade and battalion),

contracting teams and individuals to Army contracting and joint commands inside and outside of the continental U.S.

**LOGCAP Support Brigade** - LOGCAP LSB and its five subordinate battalions deploys globally to assist supported commanders with operational contacting support and LOGCAP program management during wartime and contingencies in support of unified land operations.

**Army Sustainment Command – Army Reserve Element (Provisional)** - ASC-ARE provides ready Soldiers by integrating into ASC Army Field Support Brigades in order to support mission requirements.

**Defense Contract Management Agency – Army Reserve Element** - DCMA provides trained personnel and teams in support of operational contingencies, foreign and domestic, for a joint force commander or joint task force to execute theater wide acquisition contract support, delivering equipment to the global warfighter. DMCA-ARE provides Soldiers with a Defense Acquisition Workforce Improvement Act certification (levels 1-3) of contracting, program manager, engineer, test and evaluation, and facilities.

### FIND OUT MORE

**Army Reserve Sustainment Command**

255 West Oxmoor Road

Birmingham, AL 35209-6383

 /Army-Reserve-Sustainment-Command





**U.S. ARMY MATERIEL COMMAND DELIVERS LOGISTICS, SUSTAINMENT AND MATERIEL READINESS FROM THE INSTALLATION TO THE FORWARD TACTICAL EDGE TO ENSURE GLOBALLY DOMINANT LAND FORCE CAPABILITIES.**