



U.S. ARMY JOINT MUNITIONS COMMAND

INSTALLATION HANDBOOK

A Guide to the Munitions Organic Industrial Base

FROM THE JMC COMMANDER

I am pleased to share this handbook highlighting the unique and robust capabilities of the Joint Munitions Command Enterprise.

Across the Enterprise, over 11,000 Army Soldiers, civilians, and contractor partners are intensely focused on providing the joint warfighter with ready, reliable, and lethal munitions.

While JMC's primary mission is focused on munitions readiness, we also provide world-class maintenance, production, and logistics support for many different weapon system platforms and essential military capabilities. Across the JMC Enterprise, we have modern industrial capabilities—such as robotic manufacturing and automatic materials handling—that are able to meet the most stringent production and maintenance requirements. We also have an experienced, dedicated workforce that is committed to excellence in all we do. Across the JMC network of installations, plants, and facilities, our industry-recognized Quality, Health and Safety, and Environmental certifications serve as a testament to our rigorous work and management practices.

At every level in the organization, and at every location from which we operate, the entire JMC team is committed to meeting our mission at the lowest possible cost with the highest possible quality and reliability. We strive to always be our customers' and partners' first choice when they have a requirement that needs to be met. Whether we are already working together today, or you are seeking a reliable and capable partner, JMC is ready to work tirelessly to ensure your mission will be a success. Contact information for each of our sites and facilities is provided throughout this booklet. My team is standing by to understand your requirements and provide you with a solution to meet them.



RONNIE D. ANDERSON, JR.
Colonel, United States Army
14th Commander,
U.S. Army Joint Munitions Command



This booklet introduces you to 13 Army organic industrial base munitions facilities located across the U.S.

To learn more about opportunities with JMC, please contact:

ADDRESS

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Business Development-AMJM-CP
2695 Rodman Avenue
Rock Island, IL 61299-6000

EMAIL

usarmy.ria.jmc.mbx.business-development@army.mil

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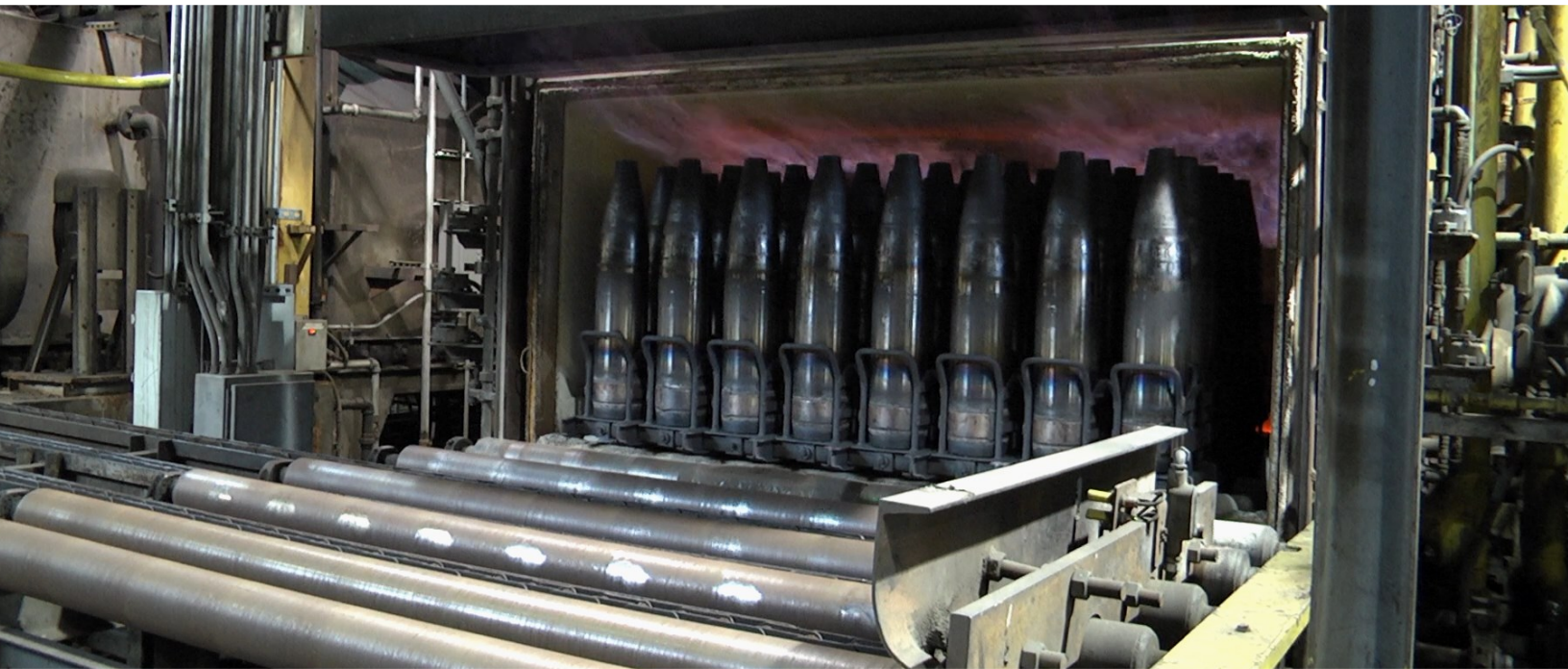
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JOINT MUNITIONS COMMAND **INTRODUCTION**

JMC AND ITS MISSION

ABOUT THE U.S. ARMY JOINT MUNITIONS COMMAND

JMC's mission is to provide the Joint Force with ready, reliable, and lethal munitions. As the Field Operating Agency supporting the Department of Defense (DoD) Single Manager for Conventional Ammunition, JMC provides conventional ammunition logistics sustainment, readiness, and acquisition support for the U.S. military, other Government agencies, and select allied nations. JMC also provides global technical munitions support to frontline DoD units.

THE ARMY MUNITIONS INDUSTRIAL BASE

JMC manages the Army's munitions industrial base, which is made up of a network of depots, arsenals, munition centers, production plants, and other facilities located across the continental United States. Munitions production, storage, distribution, and demilitarization is performed at facilities across JMC's network.

To perform these functions, JMC's industrial facilities have a wide range of capabilities and infrastructure with significant capacity to meet current requirements and anticipated surge demand. In addition to the munitions-related work, the facilities also perform significant non-munitions work involving maintenance, production, and logistics missions for other government and industry customers.

JMC also supports and encourages numerous Public-Private Partnerships (P3s) which serve to bring together JMC's significant capabilities with the complementary strengths of U.S. industry. Seven of the JMC depots and arsenals are Government Owned-Government Operated (GOGO), led and managed locally by Army officers and civilians. The other six are Government Owned-Contractor Operated (GOCO). Operations at the GOCO facilities are performed by private contractors and managed by JMC.

The purpose of this booklet is to provide an overview of the capabilities and characteristics inherent to JMC's network. Given the network's extensive industrial capabilities, members of the DoD munitions enterprise, Program Executive Offices (PEOs) and Program Managers (PMs) from all services, and interested members of industry can be confident JMC will serve as a reliable partner to meet their program and mission requirements. For more information about working with JMC, contact the JMC Business Development Office.



JOINT MUNITIONS COMMAND

OFFERS FULL LIFE CYCLE
MANAGEMENT CAPABILITIES



EFFECTIVENESS & EFFICIENCY THROUGH PARTNERING

PARTNERSHIP OPPORTUNITIES

JMC and its installations are seeking partnerships with government and private entities to collaborate on projects.

WHAT IS A PARTNERSHIP?

An agreement between an Army facility and one or more entities to perform work or utilize the Army's facilities and equipment.

BENEFITS OF A PARTNERSHIP

Partnering with JMC offers access to advanced processes, diverse capabilities, secure locations, and accelerated innovation.

INSTALLATION OVERVIEW

	CAPABILITIES						
	Storage Space	Secure Space	Munitions Handling	Production Capabilities	Demilitarization Capabilities	Maintenance & Refurbishment	Proximity to Transportation
INDUSTRIAL BASE INSTALLATIONS	Anniston Munitions Center	✓	✓	✓		✓	✓
	Blue Grass Army Depot	✓	✓	✓	✓	✓	✓
	Crane Army Ammunition Activity	✓	✓	✓	✓	✓	✓
	Hawthorne Army Depot	✓	✓	✓			✓
	Holston Army Ammunition Plant		✓	✓			✓
	Iowa Army Ammunition Plant	✓	✓	✓			✓
	Lake City Army Ammunition Plant	✓	✓	✓			✓
	Letterkenny Munitions Center	✓	✓	✓	✓	✓	✓
	McAlester Army Ammunition Plant	✓	✓	✓	✓	✓	✓
	Pine Bluff Arsenal	✓	✓	✓		✓	✓
	Radford Army Ammunition Plant	✓	✓	✓			✓
	Scranton Army Ammunition Plant		✓	✓			✓
	Tooele Army Depot	✓	✓	✓	✓	✓	✓

POINTS OF **CONTACT**

JMC BUSINESS DEVELOPMENT

usarmy.ria.jmc.mbx.business-development@army.mil

(309) 782-2225

INSTALLATION CONTACTS

Anniston Munitions Center	(256) 235-6281
Blue Grass Army Depot	(859) 779-6941
Crane Army Ammunition Activity	(812) 854-5371
Hawthorne Army Depot	(775) 945-7013
Holston Army Ammunition Plant	(423) 578-6000
Iowa Army Ammunition Plant	(319) 753-7210
Lake City Army Ammunition Plant	(816) 796-7157
Letterkenny Munitions Center	(717) 267-9954
McAlester Army Ammunition Plant	(918) 420-6452
Pine Bluff Arsenal	(870) 540-3000
Radford Army Ammunition Plant	(540) 731-5774
Scranton Army Ammunition Plant	(570) 340-1135
Tooele Army Depot	(435) 833-2854



Holston Army Ammunition Plant



Hawthorne Army Depot



Radford Army Ammunition Plant



JOINT MUNITIONS COMMAND
INDUSTRIAL
BASE INSTALLATIONS

ANNISTON MUNITIONS CENTER



Anniston Munitions Center (ANMC) is located on Anniston Army Depot in east-central Alabama. It occupies over 13,000 of the depot's 29,380 acres, and contains over 1,200 storage igloos with 7 above-ground ammunition magazines.

NOTABLE FACILITIES AND CAPABILITIES

1,200+
storage igloos

11
truck loading docks

7
rail loading docks

3
rail holding yards and 19 miles of rail infrastructure

2.3M sq ft
storage space

DEFINING FEATURES

Missile Storage and Maintenance

ANMC conducts receipt, storage, surveillance, inventory, and issue of various missile systems for the DoD utilizing a full ammo surveillance workshop. ANMC specializes in a variety of missile systems.

Missile Demilitarization

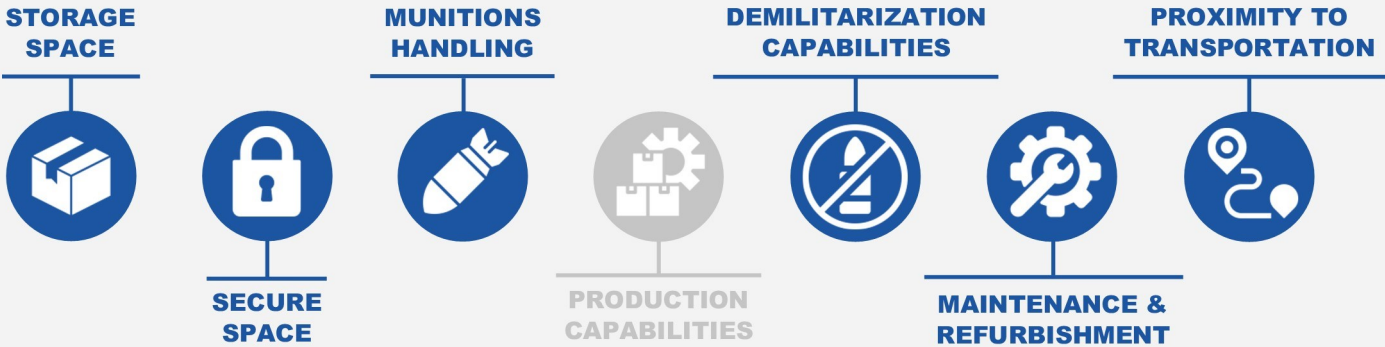
ANMC operates the Multiple Launch Rocket System (MLRS) Recycling Demilitarization facility. This facility is a state-of-the-art robotic missile demilitarization site designed to safely destroy obsolete or unsafe munitions. A variety of demilitarization options are also onsite to destroy excess munitions and energetics.

GOVERNMENT
OWNED

GOVERNMENT
OPERATED



ANNISTON MUNITIONS CENTER **CAPABILITY MAP**



ANMC capabilities are in blue

CAPABILITY HIGHLIGHTS

Missiles

Storage, receipt, issue, inspection, testing, maintenance, and demilitarization

Armor Renovation

Reactive armor tile maintenance and painting

Munitions Handling

Storage, receipt, issue, inspection, maintenance, and demilitarization

Outload

Facility, surge, and strategic outload

THE ANMC ADVANTAGE

- ISO 9001:2015 Quality Certification
- ISO 14001:2019 Environmental Certification
- ISO 45001:2018 Occupational Health & Safety Certification
- Fully cited by the DoD Explosives Safety Board (DDESB)
- High-capacity trucking and rail network
- Access to advanced technology equipment
- Munitions surveillance workshop
- Missile demilitarization
- Near the I-20 and I-65 corridors and approximately 50 miles from Birmingham International Airport
- Secure 24/7 controlled access

CONTACT

For inquiries regarding the Anniston Munitions Center, contact:

Installation

(256) 235-6281

JMC Business Development

(309) 782-2225

usarmy.ria.jmc.mbx.business-development@army.mil

BLUE GRASS ARMY DEPOT



Blue Grass Army Depot (BGAD) is a highly secure installation located in the heart of Kentucky near several transportation arteries. It spans 14,594 acres and houses 902 storage igloos.

NOTABLE FACILITIES AND CAPABILITIES

13,000 sq ft

consolidated Shipping Facility, maximizes efficiencies for surge outload of surface (rail or truck) movement of munitions at scale

18,000 sq ft

metal parts refurbishment facility with integrated overhead conveyor system

40 lb

net explosive weight limit contained detonation chamber

2.2M sq ft

storage space

DEFINING FEATURES

Unparalleled Security

BGAD takes a holistic approach to safety, protecting munitions with a highly trained 24/7 guard force. BGAD also guards a restricted storage area using a highly secured multi-tiered series of perimeters.

Hazardous Material Expertise

BGAD supports the chemical weapons destruction mission at Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) and has a workforce experienced in safe handling of highly hazardous materials. The BGAD workforce has used advanced processes, equipment, and automation to safely store and destroy over 500 tons of chemical agent filled munitions.

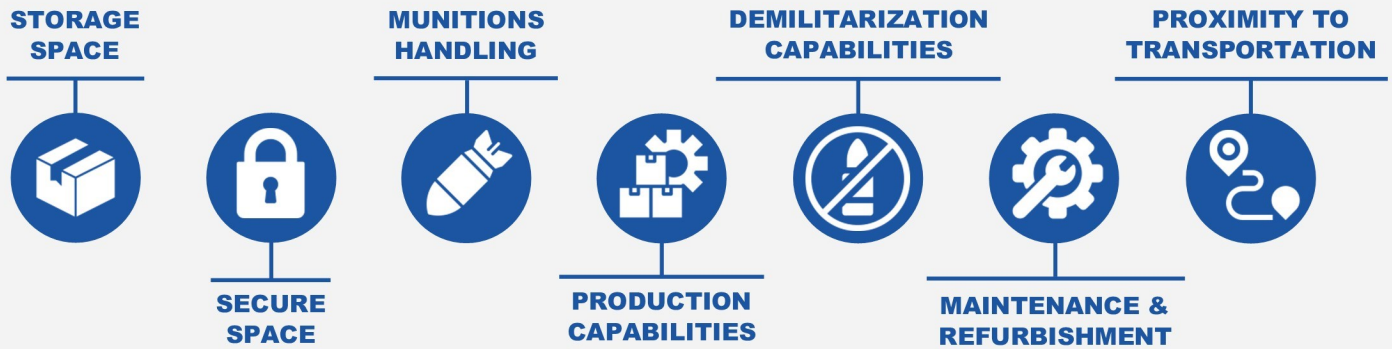
GOVERNMENT
OWNED

GOVERNMENT
OPERATED

RICHMOND, KENTUCKY



BLUE GRASS ARMY DEPOT **CAPABILITY MAP**



BGAD capabilities are in blue

CAPABILITY HIGHLIGHTS

Sensitive Materiel Management

Manage Army Force Provider as well as chemical and biological defense materiel

Armor Renovation

Reactive armor tile maintenance and painting

Shipping Container Maintenance

Inspection, repair, and maintenance for metal shipping containers

Munitions Handling

Storage, receipt, issue, inspection, maintenance, and demilitarization

THE BGAD ADVANTAGE

- ISO 9001:2015 Quality Certification
- Non-destructive testing
- High-capacity trucking and rail network
- Production of fuse and safety assembly for grenades
- Emerging airfield capability
- Self-sustaining water source and wastewater treatment facility
- Access to advanced technology equipment
- Near I-64 and I-75 corridors and approximately 40 miles from Blue Grass Airport
- Security guard training academy
- Secure 24/7 controlled access

CONTACT

For inquiries regarding the Blue Grass Army Depot, contact:

Installation

(859) 779-6941

JMC Business Development

(309) 782-2225

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CRANE ARMY AMMUNITION ACTIVITY



Crane Army Ammunition Activity (CAAA) is located on Naval Support Activity Crane in southern Indiana. It spans 51,000 acres with more than 30 production buildings and 1,800 storage magazines.

NOTABLE FACILITIES AND CAPABILITIES

72,000 sq ft

machine shop with CNC and advanced machining capabilities

1,800

ammunition storage magazines

80 acre

explosive detonation facility

40 acre

ammunition demilitarization area

6M sq ft

storage space

DEFINING FEATURES

Pyrotechnics Expertise

CAAA produces and renovates a wide variety of pyrotechnic devices, such as signal, smoke, illuminating projectiles, aircraft countermeasure flares, marine location markers, and infrared flares. CAAA also conducts demilitarization of pyrotechnics with facilities to support red/white phosphorous recycling and Yellow D conversion to picric acid.

Metal Machining Center

CAAA maintains a state-of-the-art 72,000 sq ft machine shop equipped with computer numerical control (CNC) machines for tough alloys and metals. Advanced cleaning and finishing capabilities include chemical cleaning, ultrasonic, plating titration, atomic absorption, powder coating, and statistical process control. Components of artillery, mortar, pyrotechnics, and metal parts are also produced at CAAA.

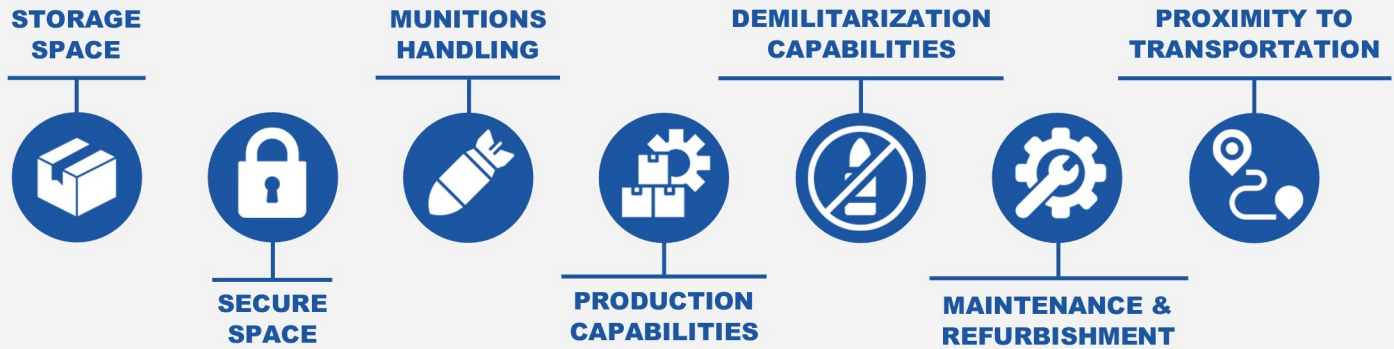
GOVERNMENT
OWNED

GOVERNMENT
OPERATED

CRANE, INDIANA



CRANE ARMY AMMUNITION ACTIVITY **CAPABILITY MAP**



CAAA capabilities are in blue

CAPABILITY HIGHLIGHTS

Munitions Production

Artillery, mortar, pyrotechnics, and metal part component manufacturing

Metal Fabrication

Fabrication of munitions components and universal load retaining bars

Shipping Container Maintenance

Inspection, repair, and maintenance for metal shipping containers

Munitions Handling

Storage, receipt, issue, inspection, maintenance, and demilitarization

THE CAAA ADVANTAGE

- ISO 9001:2015 Quality Certification
- State-of-the-art painting shop
- Machine shop fabrication
- Centralized receiving facility
- Chemical laboratory
- Fabrication of universal load retaining bars
- Near I-64 and I-69 corridors and approximately 80 miles from Indianapolis Airport
- Secure 24/7 controlled access

CONTACT

For inquiries regarding the Crane Army Ammunition Activity, contact:

Installation

(812) 854-5371

JMC Business Development

(309) 782-2225

usarmy.ria.jmc.mbx.business-development@army.mil

HAWTHORNE ARMY DEPOT



Hawthorne Army Depot (HWAD) is the world's largest ammunition depot. Its remote nature and dry climate give HWAD flexibility to economically store and demilitarize munitions on a large scale.

NOTABLE FACILITIES AND CAPABILITIES

147,000 acres

total facility footprint

3,000+

storage magazines

150

open storage locations
for economical storage
of stable ammunition

7.2M sq ft

storage space

DEFINING FEATURES

World's Largest Ammunition Depot

Housed on more than 147,000 acres, the Hawthorne Army Depot (HWAD) has over 400 administrative and storage buildings, over 1,950 earth-covered magazines, over 970 above-ground magazines, and over 150 open-storage locations.

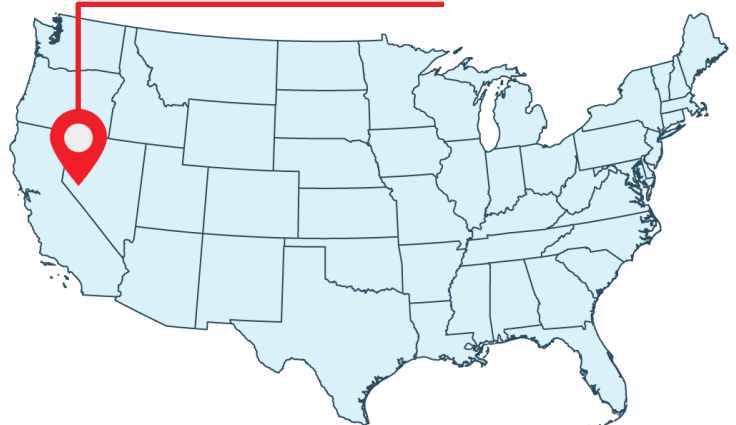
Remote, Self-Sustaining

HWAD is located away from major population centers, making it suitable for more economical storage options. HWAD owns its own water rights and processes its own potable water through its onsite state-of-the-art water treatment facility. Arid high desert terrain makes this site uniquely suitable for training military units for similar overseas environments.

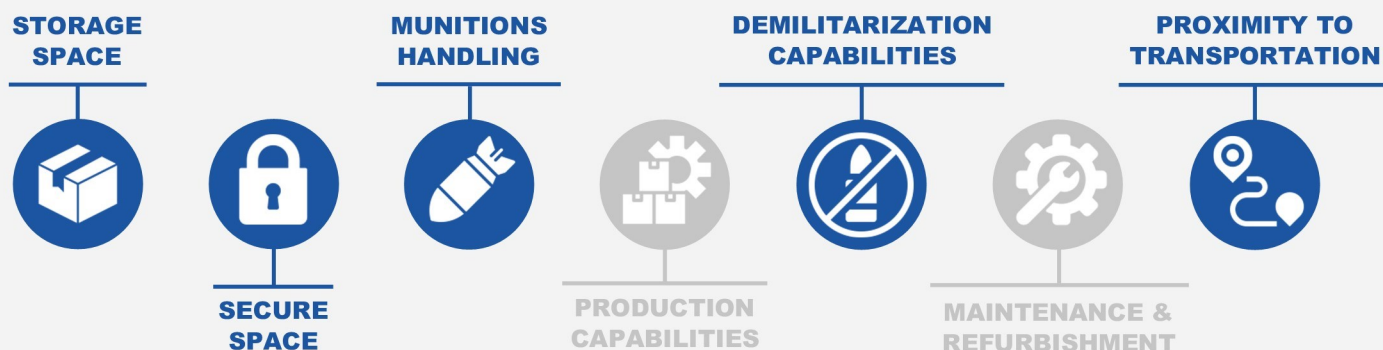
GOVERNMENT
OWNED

CONTRACTOR
OPERATED

HAWTHORNE, NEVADA



HAWTHORNE ARMY DEPOT **CAPABILITY MAP**



HWAD capabilities are in blue

CAPABILITY HIGHLIGHTS

Elemental Mercury Storage

Primary and secondary containment measures to mitigate environmental contamination

Military Training

Unique terrain for high desert, aerial, and surface water training

Shipping Container Maintenance

Inspection, repair, and maintenance for metal shipping containers

Munitions Handling

Storage, receipt, issue, inspection, maintenance, and demilitarization

THE HWAD ADVANTAGE

- Unparalleled and flexible storage options
- Unique desert terrain for training operations
- Self-sustaining water source and wastewater treatment facility
- Near U.S. HWY 95, with dedicated rail spur from BNSF mainline
- Open and closed demilitarization options
- Secure 24/7 controlled access

OPERATING CONTRACTOR

Amentum Services, Inc.

- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification

CONTACT

For inquiries regarding the Hawthorne Army Depot, contact:

Installation

(775) 945-7013

JMC Business Development

(309) 782-2225

usarmy.ria.jmc.mbx.business-development@army.mil

HOLSTON ARMY AMMUNITION PLANT



Holston Army Ammunition Plant (HSAAP) is located in Kingsport, Tennessee. The facility spans 6,000 acres, and the plant manufactures a wide range of explosives for the Department of Defense.

NOTABLE FACILITIES AND CAPABILITIES

202,900 sq ft

explosive storage capacity housed within 6,000 acre compound for work-in-progress and finished goods

10+

facility and production modernization projects recently completed

2010

the year IMX-101, developed in partnership with HSAAP, was approved as an alternative to TNT

DEFINING FEATURES

80 Years of Explosives Manufacturing Expertise

Established in 1942 to develop and manufacture research department explosive (RDX) and Composition B, HSAAP continues explosives manufacturing to this day. The plant is increasing RDX capacity through modernization efforts and plans to do the same for insensitive explosive capacity. HSAAP features a full-spectrum explosives research and development capability, explosives performance testing facilities, and manufactures various types of explosives.

Secure Storage, Capable Handling

HSAAP has a dedicated explosive storage capacity of more than 202,900 square feet to securely store work-in-progress and finished goods. Staff are specially trained to handle explosives to minimize the risk of mishaps and downtime.

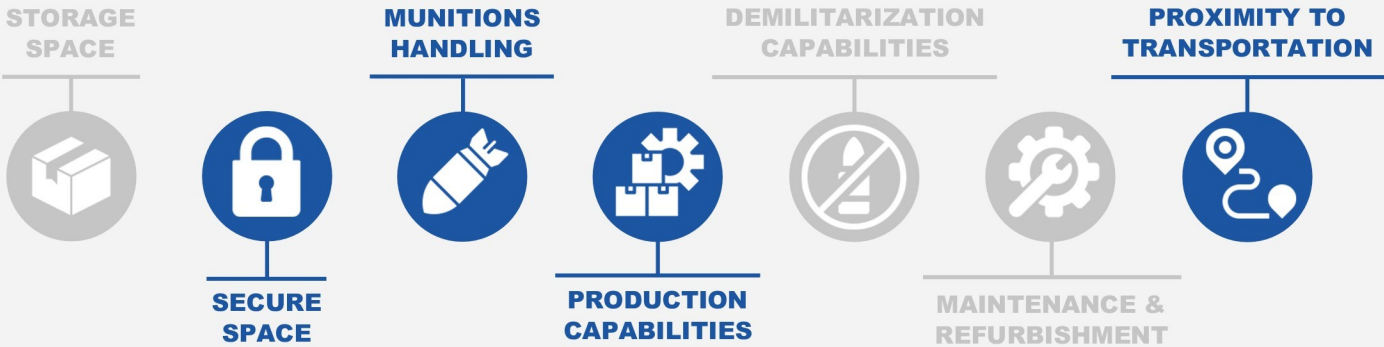
GOVERNMENT OWNED

CONTRACTOR OPERATED

KINGSPORT, TENNESSEE



HOLSTON ARMY AMMUNITION PLANT **CAPABILITY MAP**



HSAAP capabilities are in blue

CAPABILITY HIGHLIGHTS

Explosives Production

Explosive materials produced in house, from raw materials to finished product

Chemicals Production

Custom and fine chemical manufacture for the defense industry

Performance Testing

Specialized equipment available for explosives characteristics testing

Research & Development

Full-spectrum research apparatus on site

THE HSAAP ADVANTAGE

- Explosives manufacture and handling
- High-capacity trucking and rail network
- Explosives research and development
- Near I-26 corridor, and connected to CSX rail lines with dedicated spur
- 2022 AMC Explosives Safety Award
- Secure 24/7 controlled access

OPERATING CONTRACTOR

BAE Systems, Inc.

- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification
- ISO 45001:2018 Occupational Health & Safety Certification
- ISO 50001:2018 Energy Management Certification

CONTACT

For inquiries regarding the Holston Army Ammunition Plant, contact:

Installation

(423) 578-6000

JMC Business Development

(309) 782-2225

usarmy.ria.jmc.mbx.business-development@army.mil

IOWA ARMY AMMUNITION PLANT



Iowa Army Ammunition Plant (IAAAP) is the most diverse production facility in the JMC OIB. Personnel at IAAAP produce, inspect, test, and assemble medium and large-caliber ammunition items, including warheads and missiles.

NOTABLE FACILITIES AND CAPABILITIES

25+

distinct munitions production capabilities, the most in JMC

140 mi

roads interconnecting facilities on the IAAAP installation

103 mi

rail lines interconnecting facilities on the IAAAP installation

1.6M sq ft

storage space

DEFINING FEATURES

Modernization Underway

IAAAP is undergoing a modernization program that will improve plant productivity and efficiency and is expected to be completed in 2025. Upgrades include new tool and die facilities, roadway improvements, upgraded production lines, new manufacturing process automation robotics, and cybersecurity investments.

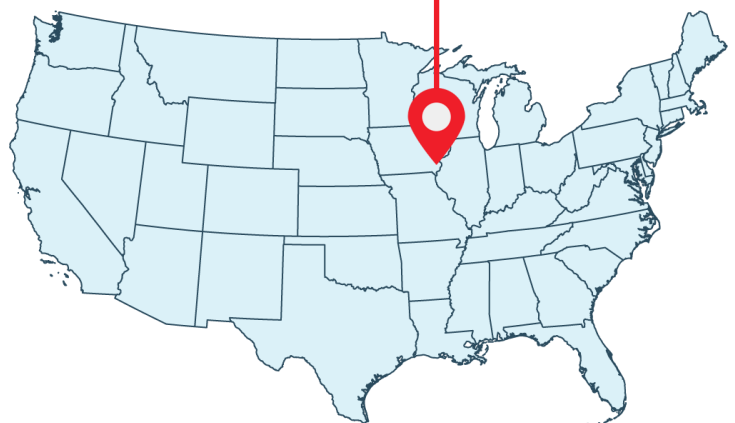
Two-Time Safety Award Winner

Safety is a top priority at IAAAP. The plant has a comprehensive safety program that includes training, inspections, and procedures to prevent accidents. The plant has been recognized for its exemplary safety record in 2019 and 2020.

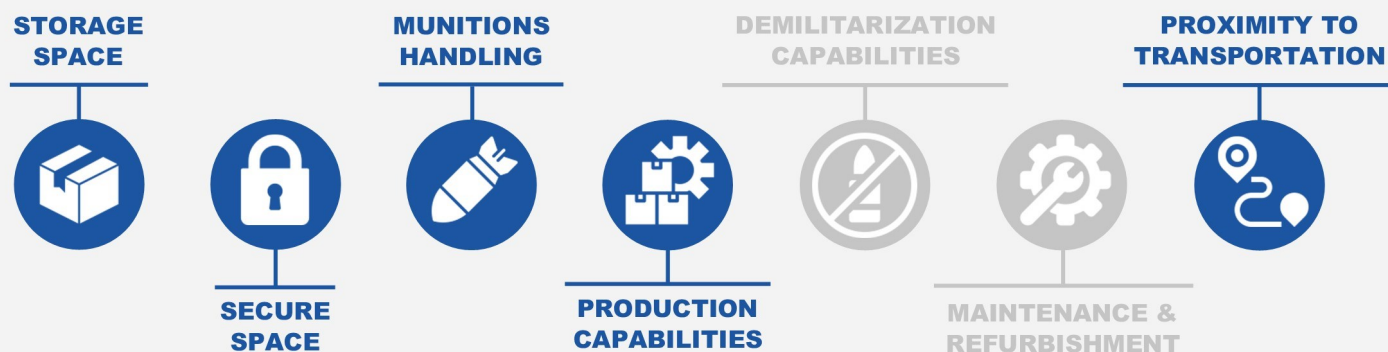
GOVERNMENT
OWNED

CONTRACTOR
OPERATED

MIDDLETOWN, IOWA



IOWA ARMY AMMUNITION PLANT **CAPABILITY MAP**



IAAAP capabilities are in blue

CAPABILITY HIGHLIGHTS

Medium, Large-Caliber Production

Ability to turn raw materials into finished munition products

Missile & Warhead Assembly

Rocket-assisted projectiles, including TOW, Hellfire, Javelin, Stinger, and Sidewinder

Component Assembly

Load, Assemble, and Pack (LAP) for various types of ammunition

Intermodal Transport

Reduces handling, leading to improved safety and speed

THE IAAAP ADVANTAGE

- 2019 and 2020 JMC Safety Award
- High-capacity trucking and rail network
- 40mm through 155mm production
- Near I-74 and I-80; dedicated rail spur from BNSF Railway
- Adaptable and scalable facilities
- Secure 24/7 controlled access

OPERATING CONTRACTOR

American Ordnance

- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification

CONTACT

For inquiries regarding the Iowa Army Ammunition Plant, contact:

Installation

(319) 753-7210

JMC Business Development

(309) 782-2225

usarmy.ria.jmc.mbx.business-development@army.mil

LAKE CITY ARMY AMMUNITION PLANT



Lake City Army Ammunition Plant (LCAAP) is located in Independence, Missouri. It spans 3,900 acres with capabilities for high volume small-caliber ammunition manufacturing and testing.

NOTABLE FACILITIES AND CAPABILITIES

1.6B rounds

contracted non-surge
production capacity per year

2,400 yd

length test range on site to
accommodate testing up
to 20mm ammunition

637,000 sq ft

storage space for raw
materials, work in progress,
and finished goods

DEFINING FEATURES

Small Arms Innovation

In 2023, LCAAP started production of the 6.8mm family of ammunition. LCAAP modernized equipment and processes to support the 6.8mm program, highlighting Lake City's ability to transform small caliber production operations with a focus on reducing Soldier loads, increasing reliability, and improving ballistics characteristics.

Regional NATO Test Center

Lake City Army Ammunition Plant operates the North American Regional Test Center (NARTC), one of only two NATO small caliber ammunition and weapons test centers in the world. The NARTC is also responsible for conducting testing in support of the U.S. Stockpile Reliability Program for ammunition that is 5-years old or older to ensure the ammunition is still viable and ready for use by Warfighters worldwide.

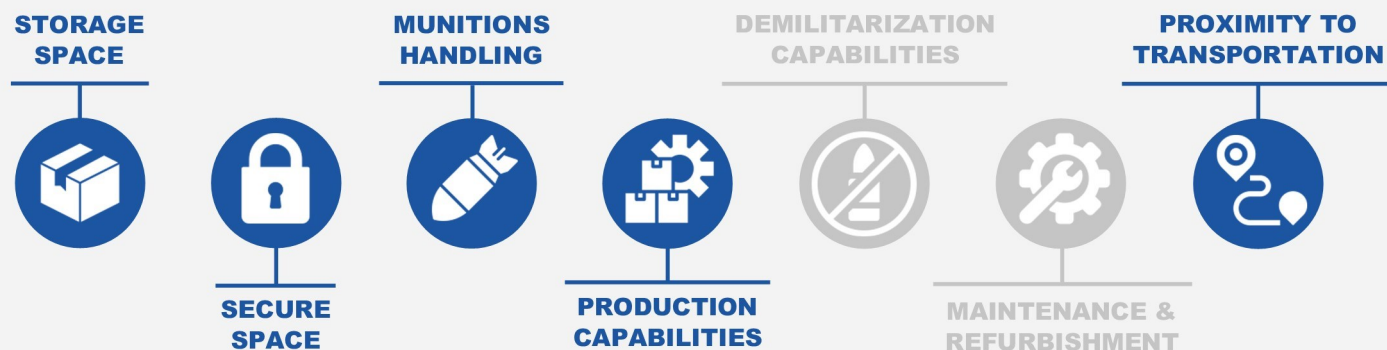
GOVERNMENT
OWNED

CONTRACTOR
OPERATED

INDEPENDENCE, MISSOURI



LAKE CITY ARMY AMMUNITION PLANT **CAPABILITY MAP**



LCAAP capabilities are in blue

CAPABILITY HIGHLIGHTS

Small-Caliber Production

5.56mm, 6.8mm, 7.62mm, .30 caliber, and .50 caliber ammunition production

Ammunition Testing

Regional test center for NATO, and reliability testing for stockpiled ammunitions

Component Production

Percussion and electric primer production

Link Production

Link production for belt-fed firearms

THE LCAAP ADVANTAGE

- 2023 Army Award for Environmental Restoration
- Flexible scaling options to maintain capacity and capabilities
- Near I-70 and I-80 corridors, and direct spur from BNSF Railway
- Comprehensive production and testing on-site
- Secure 24/7 controlled access

OPERATING CONTRACTOR

Olin Winchester

- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification
- ISO 45001:2018 Occupational Health & Safety Certification

CONTACT

For inquiries regarding the Lake City Army Ammunition Plant, contact:

Installation

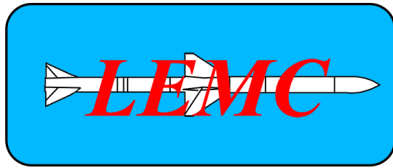
(816) 796-7157

JMC Business Development

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LETTERKENNY MUNITIONS CENTER



Letterkenny Munitions Center (LEMC) is located on Letterkenny Army Depot in Chambersburg, Pennsylvania. It spans 16,000 acres with 10 above-ground magazines and 903 storage igloos and is located in close proximity to a number of air and sea ports.

NOTABLE FACILITIES AND CAPABILITIES

930

total explosive
storage structures

28

open detonation shots

2M sq ft

storage space

DEFINING FEATURES

Missile Maintenance

As the Center for Industrial Technical Excellence (CITE) for ground launched Army missile systems, LEMC performs maintenance, receipt, issue, inspection, storage, and test and repair for precision guided weapons systems. LEMC also serves as the premier maintenance location for U.S. Air Force and U.S. Navy to maintain air-to-air and air-to-ground missiles. JMC has designated LEMC as the Depot Source of Repair for Precision Strike Missiles (PrSM).

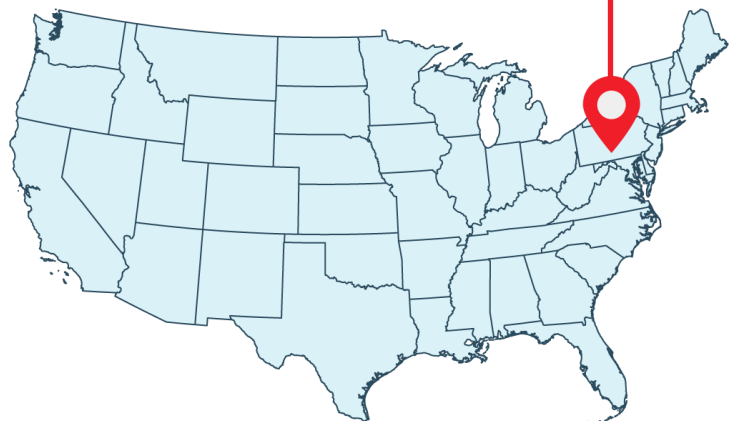
Non-Destructive Testing

LEMC's skilled workforce utilizes advanced non-destructive testing techniques such as ultrasound, magnetic particle, digital imaging, and real-time x-ray to safely surveil and maintain missiles and other munitions. The skilled workforce has developed significant expertise in applying these techniques to support maintenance activities.

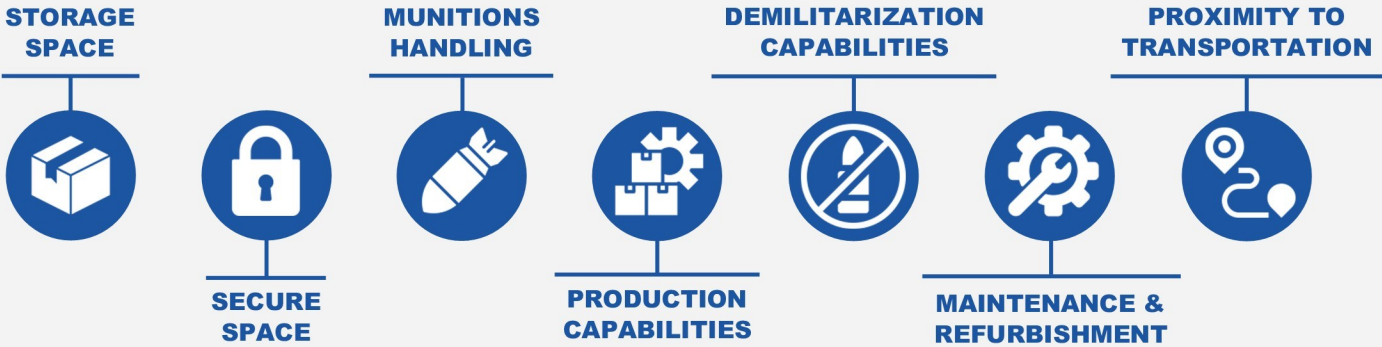
GOVERNMENT
OWNED

GOVERNMENT
OPERATED

CHAMBERSBURG, PENNSYLVANIA



LETTERKENNY MUNITIONS CENTER **CAPABILITY MAP**



LEMC capabilities are in blue

CAPABILITY HIGHLIGHTS

Missile Maintenance

Storage, receipt, issue, inspection, mobile worldwide maintenance, and demilitarization

Rocket Motor Demilitarization

Confined burn system to dispose of ammonium perchlorate rocket motors

Non-Destructive Testing

Extensive use of non-destructive techniques to surveil munitions

Shipping Container Maintenance

Inspection, repair, and maintenance for metal shipping containers

THE LEMC ADVANTAGE

- AS 9100/9110D Aerospace Quality Certification
- ISO 14001:2015 Environmental Certification
- Unique missile maintenance facilities
- Center of Industrial and Technical Excellence (CITE) for missile maintenance
- Produce reduced range practice rockets
- High-capacity trucking and rail network
- Close proximity to a number of air and sea ports
- Near I-76 and I-81 corridors and approximately 65 miles from Harrisburg International Airport
- Secure 24/7 controlled access

CONTACT

For inquiries regarding the Letterkenny Munitions Center, contact:

Installation

(717) 267-9954

JMC Business Development

(309) 782-2225

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McALESTER ARMY AMMUNITION PLANT



McAlester Army Ammunition Plant (MCAAP) houses the largest DoD munitions stockpile and is located in McAlester, Oklahoma. It spans 45,000 acres with more than 2,800 buildings and 2,263 earth covered magazines.

NOTABLE FACILITIES AND CAPABILITIES

1M sq ft

production space to support load, assemble, and pack (LAP) activities for bombs, projectiles, and warheads

435

twenty-foot equivalent shipping container daily outload capacity

1.28M lb

net explosive weight limit per year from static firing pads

6.8M lb

net explosive weight limit per year for demilitarization

8.8M sq ft

storage space

DEFINING FEATURES

Commercial Work

MCAAP has a long and successful track record of performing commercial work and houses the largest number of public-private partnerships of any JMC government operated installation. Past and present partners include General Dynamics, Raytheon, BAE Systems AB, Textron, Lockheed Martin, Boeing, Sandia National Lab, and Hawker Beechcraft.

Explosives Production & Maintenance

MCAAP performs mixing operations for both cast-cure and melt-pour explosives as well as LAP operations for bombs ranging from 500 to 30,000 pounds for the U.S. Navy and U.S. Air Force. The installation also renovates and maintains missiles, bombs, rockets, and other projectiles with advanced chemical and explosives laboratories and radiographic facilities.

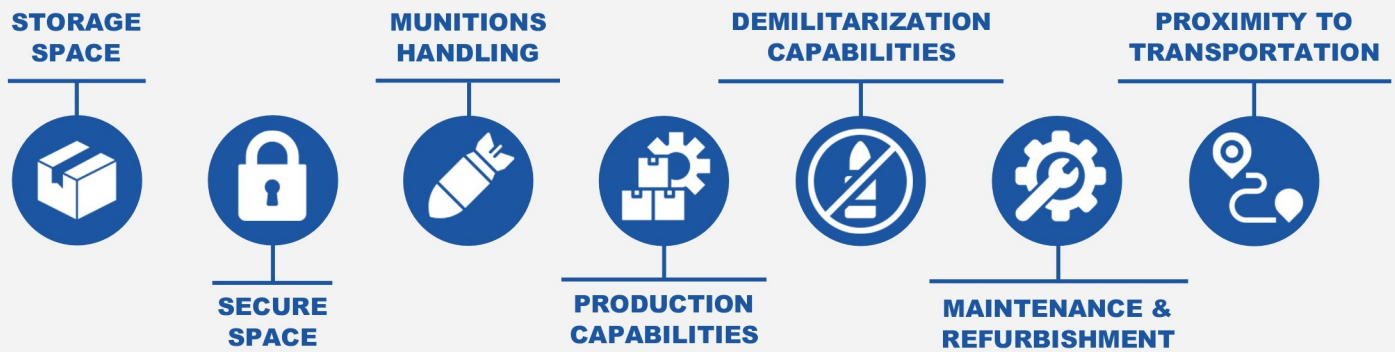
GOVERNMENT
OWNED

GOVERNMENT
OPERATED

McALESTER, OKLAHOMA



McALESTER ARMY AMMUNITION PLANT **CAPABILITY MAP**



MCAAP capabilities are in blue

CAPABILITY HIGHLIGHTS

Large Explosives Production

Mixing operations and LAP for bombs, projectiles, and warheads

Missile Maintenance

Renovate, modify, and maintain missiles

Rail Maintenance

Mobile team provides rail maintenance to JMC and DoD facilities

Munitions Handling

Storage, receipt, issue, inspection, maintenance, and demilitarization

THE MCAAP ADVANTAGE

- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification
- High-capacity trucking and rail network
- Mobile rail maintenance capability
- Mobile Ammunition Renovation, Inspection, and Demilitarization Team (MARID)
- 3 linear accelerator x-ray systems with digital imaging
- Near I-35 and I-40 corridors and approximately 105 miles from Tulsa International Airport
- Secure 24/7 controlled access

CONTACT

For inquiries regarding the McAlester Army Ammunition Plant, contact:

Installation

(918) 420-6452

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PINE BLUFF ARSENAL



Pine Bluff Arsenal (PBA) is located in central Arkansas and has specialized ammunition, smoke, and chemical, biological, radiological, and nuclear defense capabilities. It spans 13,500 acres with 665 buildings and an advanced textile manufacturing facility.

NOTABLE FACILITIES AND CAPABILITIES

5,000 acres

of available land suitable
for development

665

buildings located on site

14,500 sq ft

of advanced textile
manufacturing space

2M sq ft

storage space

DEFINING FEATURES

Chemical & Biological Defense

PBA was designated as the Center of Industrial and Technical Excellence (CITE) for Chemical and Biological Defense Equipment by the Secretary of the Army in 2006. PBA specializes in multipart systems integration and fielding, decontamination manufacturing, collective protection filter production, and hardened military equipment maintenance.

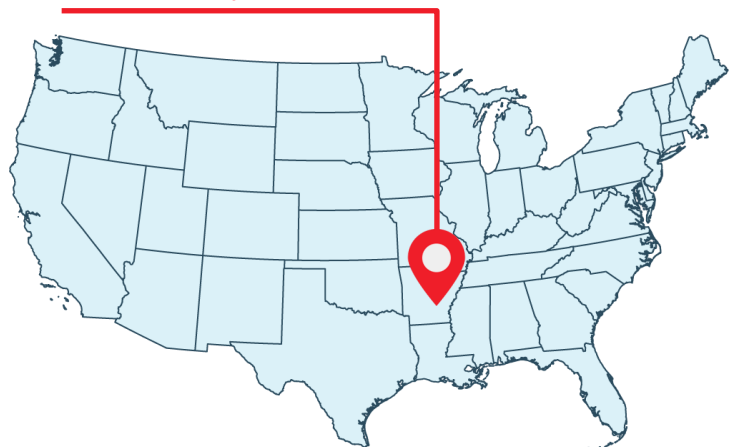
Smoke Ammunition

PBA received its second CITE designation in 2017 for the manufacture of smoke-based ammunition. Specialized munitions for obscurant, illuminating, and incendiary devices are produced at PBA. PBA is the only facility in the northern hemisphere that loads white phosphorous munitions.

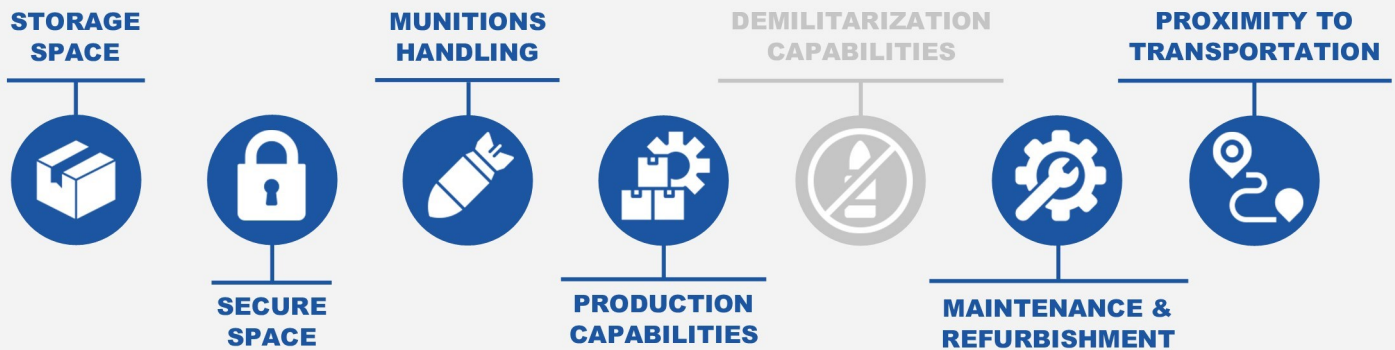
GOVERNMENT
OWNED

GOVERNMENT
OPERATED

PINE BLUFF, ARKANSAS



PINE BLUFF ARSENAL **CAPABILITY MAP**



PBA capabilities are in blue

CAPABILITY HIGHLIGHTS

Munitions Production

Pyrotechnical mixing and pressing, load assemble and pack, and phosphorous operations

Advanced Textile Manufacturing

Production of low density, complex textiles and garments

Chemical & Biological Defense

Systems integration, decontamination manufacturing, collective filter production

Performance Verification & Testing

First article, production lot, and surveillance testing

THE PBA ADVANTAGE

- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification
- ISO 45001:2018 Safety Certification
- Smoke Ammunition CITE Designation
- Chemical and Biological Defense Equipment CITE Designation
- Textile Manufacturing CITE Designation
- Independent wastewater treatment facility
- Near I-30 and I-40 corridors and approximately 40 miles from Clinton National Airport
- Secure 24/7 controlled access

CONTACT

For inquiries regarding the Pine Bluff Arsenal, contact:

Installation

(870) 540-3000

JMC Business Development

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RADFORD ARMY AMMUNITION PLANT



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.

NOTABLE FACILITIES AND CAPABILITIES

13

commercial tenants sharing facilities on RFAAP through the ARMS program

6,800 acres

total facility footprint in rural Virginia

441,000 sq ft

storage space

\$715M

invested over the past 10 years to reduce the environmental impact of RFAAP

DEFINING FEATURES

Secure Location for Innovation

Beyond its mandate for propellants manufacturing excellence, RFAAP hosts several commercial tenants adjacent to the broader JMC mission through the ARMS program. Examples of commercial tenants include:

- Northrop Grumman Innovation Systems
- Alexander Arms
- New River Energetics

Environmental Impact Reduction

JMC has invested \$715 million over the past 10 years to reduce the environmental impact of RFAAP. Open-burning ground waste has been reduced by over 50% since 2017, and a new Energetic Waste Incinerator scheduled to begin operation in 2026 will reduce open burning and utilize advanced pollution control equipment in collaboration with the Virginia Department of Environmental Quality.

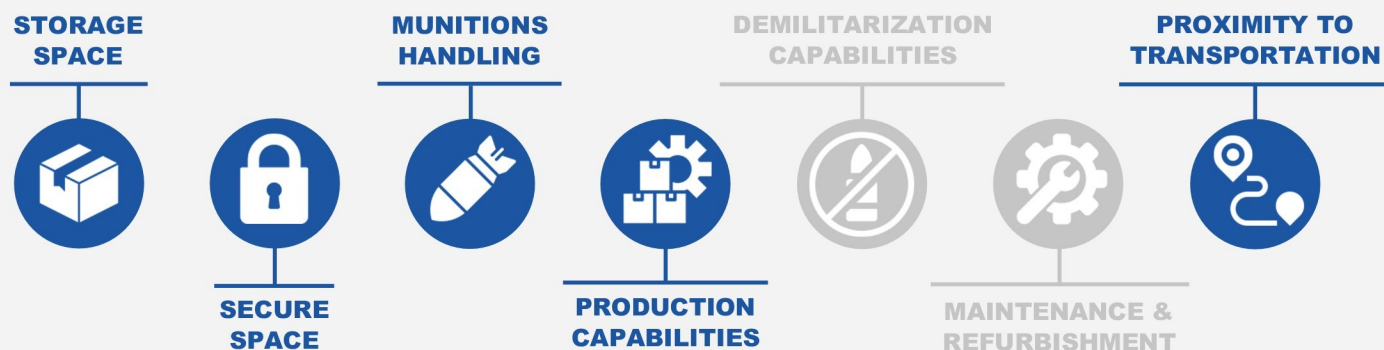
GOVERNMENT OWNED

CONTRACTOR OPERATED

RADFORD, VIRGINIA



RADFORD ARMY AMMUNITION PLANT **CAPABILITY MAP**



RFAAP capabilities are in blue

CAPABILITY HIGHLIGHTS

Propellant Production

Storage, receipt, issue, inspection, maintenance, and demilitarization

Lab Operation

Chemical, metrology, and ballistics labs operations in support of production mission

Fire Protection

Comprehensive systems to protect plant and personnel

Munitions Handling

Surveillance, receipt, storage, issue, testing, and minor repair

THE RFAAP ADVANTAGE

- Propellant and nitrocellulose production
- Excellent integration with national transportation networks
- Near I-81 corridor and dedicated spur with Norfolk Southern Railway
- Secure 24/7 controlled access

OPERATING CONTRACTOR

BAE Systems

- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification

CONTACT

For inquiries regarding the Radford Army Ammunition Plant, contact:

Installation

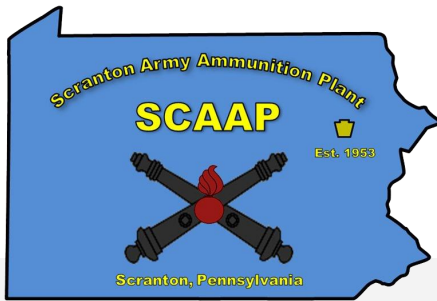
(540) 731-5774

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SCRANTON ARMY AMMUNITION PLANT



Scranton Army Ammunition Plant (SCAAP) is located in Scranton, Pennsylvania. It is an industrial production facility with specialized equipment for metal projectiles production.

NOTABLE FACILITIES AND CAPABILITIES

495,000 sq ft

total space dedicated to manufacturing capabilities within four buildings across 15.3 acre footprint

20,000 lb

per hour capacity heat-treat furnaces on-site

3

forging lines capable of simultaneous production

120

hydraulic tracer and CNC lathes for high-precision machining

DEFINING FEATURES

Large-Caliber Specialists

SCAAP hosts an in-house end-to-end production process for the manufacture of large-caliber metal projectiles and mortar projectiles for the joint warfighter. Available industrial equipment includes multiple 20,000 pound-per-hour heat-treat furnaces, automated paint lines, and multiple long-stroke vertical-hydraulic forge press lines.

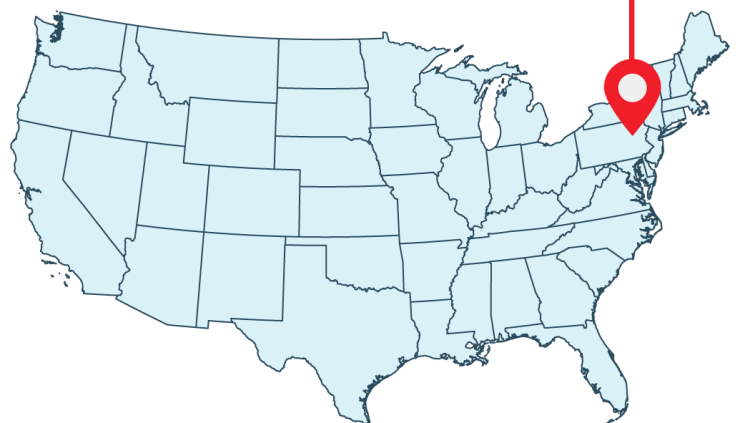
Scaling to Support Ukraine

SCAAP, among other JMC installations, has increased ammunition production to support war efforts in Ukraine, while maintaining war readiness for the American warfighter. Over the next few years, the Army plans to invest \$243 million to modernize the plant and expand production.

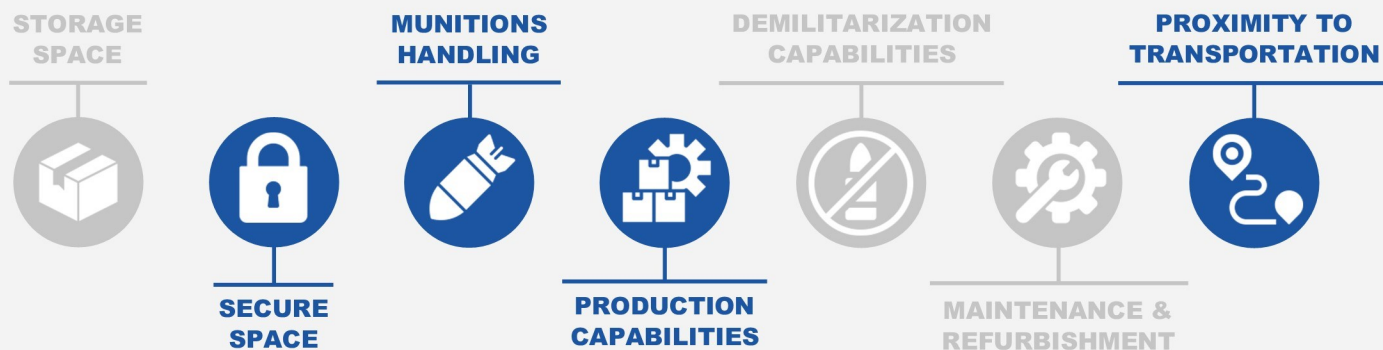
GOVERNMENT
OWNED

CONTRACTOR
OPERATED

SCRANTON, PENNSYLVANIA



SCRANTON ARMY AMMUNITION PLANT **CAPABILITY MAP**



SCAAP capabilities are in blue

CAPABILITY HIGHLIGHTS

Ammunition Production

End-to-end production of large-caliber metal projectiles, from forging to painting and finishing

Full Service Metalworks

Forging, machining, heat-treating, welding, painting, finishing, and testing

Secure Production Facility

Robust physical and IT security operations

Munitions Handling

Surveillance, receipt, storage, issue, testing, and minor repair

THE SCAAP ADVANTAGE

- Scalable medium- and large-caliber ammunition production
- High-capacity trucking and rail network
- Near I-81 and Norfolk Southern Railway
- Secure 24/7 controlled access

OPERATING CONTRACTOR

General Dynamics-Ordnance and Tactical Systems

- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification
- ISO 45001:2018 Occupational Health & Safety Certification
- ISO 50001:2018 Energy Management Certification

CONTACT

For inquiries regarding the Scranton Army Ammunition Plant, contact:

Installation

(570) 340-1135

JMC Business Development

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TOOELE ARMY DEPOT



Tooele Army Depot (TEAD) is located in the arid climate of Tooele, Utah. It spans 43,364 acres with more than 3,100 buildings and storage igloos.

NOTABLE FACILITIES AND CAPABILITIES

50 tons

per day capacity in
open detonation pits

6

static firing stations
suitable for the
destruction of rockets

321

Loaded ISO container daily
outload capacity

2.5M sq ft

storage space

2

classification yards and 44
miles of rail infrastructure

4

major outload spurs

DEFINING FEATURES

Ammunition Peculiar Equipment

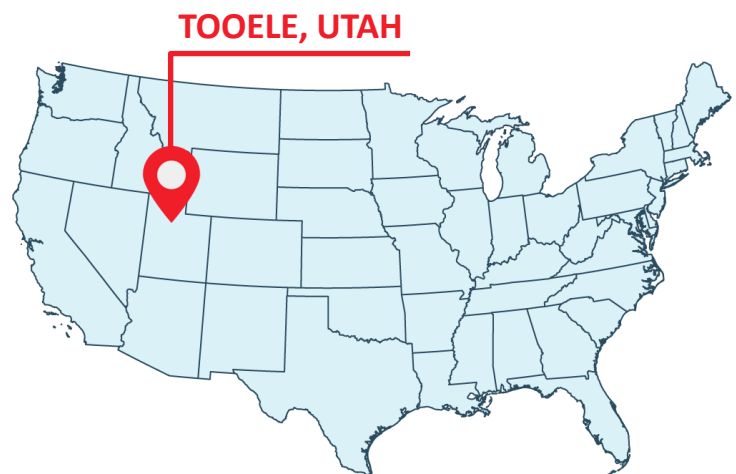
TEAD is designated as the Center of Industrial and Technical Excellence (CITE) for Ammunition Peculiar Equipment (APE). The depot designs, engineers, and manufactures equipment used in the maintenance and demilitarization of munitions, including robotic and remotely controlled ammunition handling equipment.

Munitions Maintenance

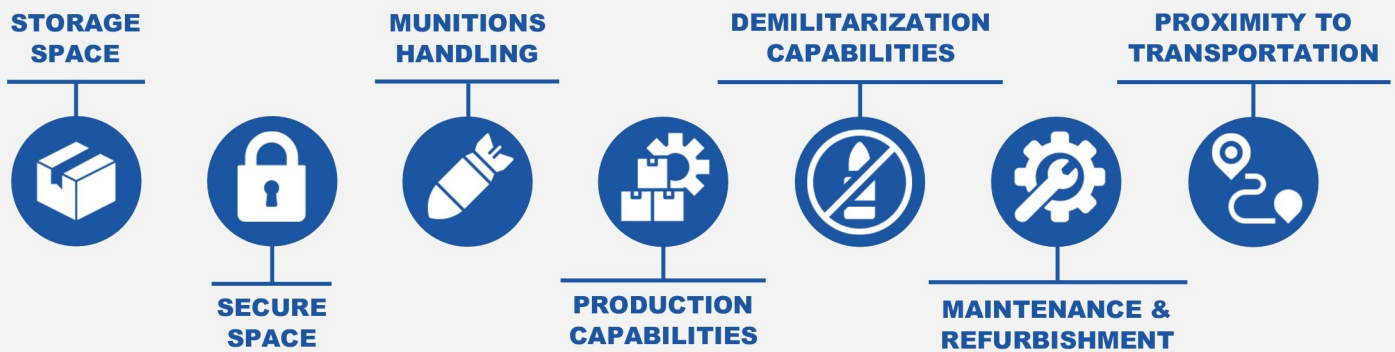
TEAD performs maintenance, receipt, issue, inspection, storage, and test and repair for DoD loitering munitions. The skilled artisan workforce has developed significant expertise to support all maintenance activities for an array of loitering and unmanned munitions.

GOVERNMENT
OWNED

GOVERNMENT
OPERATED



TOOELE ARMY DEPOT **CAPABILITY MAP**



TEAD capabilities are in blue

CAPABILITY HIGHLIGHTS

Equipment Fabrication

Design and manufacture equipment used in maintenance and destruction of munitions

Performance Testing

Testing of munitions and explosives

Shipping Container Maintenance

Inspection, repair, and maintenance for metal shipping containers

Munitions Handling

Storage, receipt, issue, inspection, maintenance, and demilitarization

THE TEAD ADVANTAGE

- High-capacity trucking and rail network
- ISO 9001:2015 Quality Certification
- ISO 14001:2015 Environmental Certification
- ISO 45001:2018 Safety Certification
- High-capacity trucking and rail network
- Less-than-truckload facility
- On-site renewable energy generation
- Large capacity open detonation
- Alternatives to open burn/open detonation munitions disposal
- Near I-15 and I-80 corridors and within 40 miles of Salt Lake City Airport
- Secure 24/7 controlled access

CONTACT

For inquiries regarding the Tooele Army Depot, contact:

Installation

(435) 833-5040

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JMC will ensure excellence in munitions readiness and sustainment through continual innovation and modernization.

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