



## AIR DEFENSE ARTILLERY Fires Center of Excellence

For information about ADA, call (580) 558-0487 For information about BOLC, call (580) 558-0126

## **Air Defense Artillery**

Contemporary enemy air and missile threats encompass a complex spectrum of systems such as ballistic missiles; cruise missiles; unmanned aerial vehicles (UAVs); rockets, artillery, and mortars (RAM); tactical air-to-surface missile systems, fighter aircraft and helicopters.

In this operational environment, the Air Defense Artillery (ADA) serves as a critical component of modern large-scale combat operations, defending Joint & Army forces in a highly contested air domain.

As a vital Combat Arms branch, Air Defense Artillery deters our adversaries, assures our allies, enables operational access while ultimately defending critical assets and deployed forces in support of multidomain operations.

Consistently operating in a Joint and multinational environment and maintaining forward presence around the world, ADA projects national power.



Short Range Air Defense (SHORAD) forces generally protect assets in the division and brigade areas, as well as defending maneuver formations conducting decisive operations in the close area.

Patriot and THAAD units maintain coverage of assets in the division, corps, and theater areas. Patriot units may add supplementary protection of the maneuvering forces from their designated locations in the corps or theater areas or may be repositioned to sustain coverage. ADA forces in the support and consolidation areas provide continuous defense of sustainment facilities.

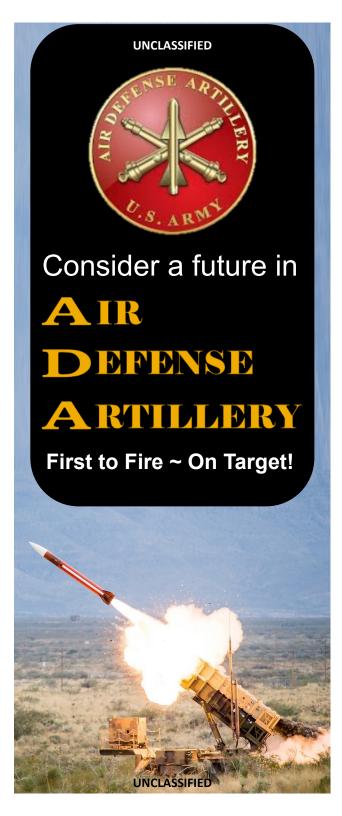
### Life as an Air Defense Officer

The Air Defense Artillery provides an exciting and dynamic career filled with opportunity! ADA officers personally plan, coordinate, and execute Air and Missile Defense (AMD) operations. They provide the technical and tactical expertise to lead Soldiers in any environment and can expect to personally employ their weapon systems to defeat the enemy.

Upon graduation from the ADA Basic Officer Leadership Course, ADA officers are immediately assigned as Platoon Leaders with responsibility for 15-30 Soldiers and up to \$500 million in advanced equipment. After 18-24 months building leadership experience at the platoon level, the ADA officer may serve as Battery Executive Officer or Tactical Director prior to attending the Captains Career Course. Opportunities for Battery Command occur as early as the fifth year of service, leaving ample time to pursue graduate education or broadening assignments both within or outside the branch.



Providing a capability in demand by Joint forces and international allies, ADA is a rapidly growing branch with global requirements. Air Defense officers take part in regular and exciting overseas assignments in a variety of environments from Europe, the Middle East, and the Pacific. ADA Officers enjoy opportunities to build additional skills through specialty schools like Ranger, Airborne, Air Assault, Top Gun, Air Defense Airspace Management, and ADA Fire Control Officer. Because ADA officers routinely operate with Navy, Air Force and multinational partners, they personally contribute to the international security environment from the very start of their military career.





# **ADA Fire Power**

From Mud to Space





#### <u>Avenge</u>

Avenger's lethality and mobility protects maneuver forces and critical assets with a rapid fire missile system that acquires, tracks, and engages low-altitude threats. The Avenger is capable of shooting on the move to destroy aerial threats with Stinger missiles and an M3P .50-caliber machine gun.



#### **M-SHORAD**

Maneuver Short Range Air Defense is the next generation of ADA weaponry designed to provide divisions with organic Air Defense while maneuvering. Based on an armored Stryker platform, M -SHORAD features Stinger and Hellfire missiles, a 30-mm cannon, on-board radar, and IED defense.

#### Stinger

The lightweight, manportable, fire-and-forget missile system incorporates an infrared seeker to destroy enemy aircraft and UAVs at close range.





#### **C-RAN**

Counter-Rocket, Artillery, and Mortar systems defend fixed-sites against enemy indirect fire using a 20-mm rapid-firing canon and a revolutionary approach to detecting, warning, and intercepting enemy attacks.



#### **Iron Dome**

Iron Dome is a combat-proven weapon system that intercepts indirect fires and destroys rockets, artillery, mortars, missiles, and UAVs. Iron Dome protects fixed and semi-fixed critical assets utilizing dozens of maneuvering interceptors, an advanced radar, and a battle management center.



#### Patriot

Patriot is a highly-mobile, combat-proven Air and Missile Defense system capable of defeating a wide range of threats including aircraft, helicopters, UAVs, ballistic and cruise missiles, and Weapons of Mass Destruction.



#### **THAAD**

The Terminal High-Altitude Area Defense system protects strategic critical assets by conducting long-range endo-and-exo-atmospheric engagements of ballistic missiles using the world's largest air-transportable X-band radar.



#### **GMD**

Ground-based Midcourse Defense destroys intercontinental ballistic missiles threatening the United States.







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