

DCN: 10093

# Radford Army Ammunition Plant

**Mission:** Manufacture propellants and explosives in support of field artillery, air defense, tank, missile, aircraft and Navy weapon systems.

## What We Do:

- *Only CONUS producer of nitro-cellulose*
- *Only CONUS producer of solventless propellant for 2.75" rocket motors*
- *Only CONUS producer of weapons grade TNT*
- Produce single and multi-base propellants
- LAP facility for medium caliber munitions
- DOD munitions storage capability of 214 igloos/magazines

## Business Facts:

- Commander: LTC Anthony Skinner
- Civilian Executive: Rick Chapman
- Contractor: Alliant Ammunition and Powder Company (ATK)



# Radford AAP Characteristics

Radford, VA

Active GOCO – IMA Region - NE

**Facilities:**

**Acres – 6,901**

**Bldgs – 1,038**

**Storage – 657K sq ft**

**Environmental Condition:**

**Restoration Program: Corrective  
Action – RCRA Permit, Oct 2000**

**Cost to Complete – \$51M**

**Est Date Comp (excl LTM) – 2028**

**Est Date Comp (incl LTM) – 2028**

**Government Property:**

**Other Plant Equipment – 31,563**

**Industrial Plant Equipment – 29**

**Special Tools – 6,010**

**FY04**

**EMPLOYMENT:**

**Civilian - 26**

**Military –1**

**Contractor –1,147**

**Tenants - 432**

**FY04**

**ECONOMIC IMPACT:**

**Operating Budget:**

**(Payroll:**

**Contractor**

**\$116M**

**\$61M**

**Government**

**\$1.99M**

**\$1.88M)**

# **Radford AAP Tenants**

## **ARMS Commitment through 2007**

**Plus mutual options until 2022**

<u><b>Tenant</b></u>	<u><b>Type Business</b></u>
<b>AAPC Ordnance Group</b>	<b>Home Office</b>
<b>New River Energetics</b>	<b>Commercial Powders</b>
<b>GDOS</b>	<b>Res. Engineer</b>
<b>Va. Tech Coal Storage</b>	<b>Coal Storage</b>
<b>Alliant Techsystems</b>	<b>Commercial Chem</b>
<b>Pyrotechnique by Grucci</b>	<b>Firework/DOD</b>
<b>Valley Turf</b>	<b>Mowing Contractor</b>
<b>Ares Defense Systems</b>	<b>Weapons Maker</b>
<b>Alexander Arms</b>	<b>Weapons Maker</b>
<b>ALTESS</b>	<b>Government</b>
<b>DCAA</b>	<b>Government</b>
<b>Corps of Engineers</b>	<b>Government</b>

# Radford AAP



- ✓ **Uniqueness of the installation**
  - Only DoD propellant production facility
  - Only North American nitrocellulose and TNT source
  - Can produce over 400 different propellants, 60 plus are available only at RFAAP
- ✓ **Opportunities for expansion...underutilized capacity / capability...**
  - Modernization of the flexible energetics (TNT/other explosives) line underway
  - Modernization plan to reduce cost & increase expansion potential submitted to PEO Ammo
  - History of successful expansion/reuse ventures (19 tenants, 335 jobs)
  - No encroachment issues
  - Movement of other ammunition supply elements to RFAAP vertically integrates production & increases efficiency (Joliet AAP Medium Caliber LAP mission relocated to RFAAP in 1999)
  - Support infrastructure in place for additional production of propellants and explosives (utilities, acid manufacturing, modern environmental systems, security)
- ✓ **Support of OIF, OEF other Operations**
  - DoD uses RFAAP nitrocellulose in ammunition ranging from 5.56mm (M16) to 120mm (Tank)
  - Joint production - RFAAP provides DoD 25 and 30mm ammunition, numerous tactical and training propellants, and rocket motors for the Apache, TOW, and Javelin
- ✓ **Support to Regional Combatant Commanders**
  - Indirect – See above
- ✓ **Support of other services, Fed , State Agencies...**
  - Sole specialty propellant producer f/ DoD & NASA used f/ blowing aircraft canopies & bolts as well as space shuttle parachute applications
  - Foreign Military Sales Customers
- ✓ **Valued added/ impact if moved**
  - Interruption and disruption of the foundation of ammunition supply - nitrocellulose
  - Very costly to re-establish propellant and explosive capability