

Product Director Non-Standard Ammunition

Overview



Distribution Statement A:
Approved for Public Release; distribution is
unlimited

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Non-Standard Ammunition (NSA) Mission



**The Non-standard Ammunition Office
Executes Non-standard Ammunition
Requirements for the Department of Army,
While Coordinating With all Services, in Order
to Enhance the Security and Training
Capabilities of Allied Nations**





Non-Standard Ammunition



PEO-Ammunition
BG Jonathan Maddux

Project Manager
Maneuver Ammunition Systems
Chris Grassano

Product Director
LTC Robert Dionisio
Assistant Product Manager
MAJ Todd Masternak

Combined Security Transition Command - Afghanistan

CSTC-A

Defense Contract Management Agency (Italy)

DCMA

Security Assistance (Rock Island, ILL)

S.A.

Joint Munitions Command (Rock Island, ILL)

JMC
Contracting

Chief Engineer
John Resch

Quality Assurance Specialist
Doug Williams

Business Analyst
Rosemarie Rapka

Project Engineer
MAJ Paul Alessio

Quality
Robert McDuffie

Weapons
Kevin Caflin

Acquisition Specialist
Stephanie Resch

Packaging
Greg Farbanish

Test
Chad Sensenig

Ammunition
As Needed

Enterprise

Core

Matrix



Non-Standard Ammunition Products (67 Items)



Small Caliber Pistol, Rifle & Machinegun

- 5.45mm to 12.7mm (Ball, Tracer, Armor Piercing (AP))

Medium Caliber Aircraft & Anti-Aircraft

- 14.5mm to 30mm (AP, High Explosive (HE), Tracer)

Tank & Artillery

- 100mm, 115mm, 122mm (High Explosive Anti Tank (HEAT), Kinetic Energy (APFDS-T), HE, Smoke, Illum)

Mortars

- 82mm, 120mm (HE, Smoke, Illum)

Rocket Propelled & Recoilless Rifle

- 40mm PG/OG-7, 73mm PG/OG-9 (HE, HEAT)

Launched and Hand Grenades

- 40mm, Hand Grenades (HE/Frag, Bounding, Flash)

Aircraft Munitions

- 57mm Rockets, PPI-26 Flares, PP3/PP9/PPL





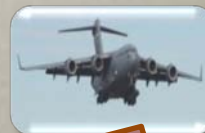
Non-Standard Ammunition Support to Afghanistan



Afghanistan Three-Year Plan

Small Caliber	330M
RP / Launched Grenades	1.2M
Med & Large Caliber Direct	1.5M
Mortars & Artillery	625K
Aviation Rockets	29K
ATGM	2K
Misc Links, Belts, Flares	340K

CSTC-A Forecast for ANA & ANP
 * Force Structure increase not factored into forecast

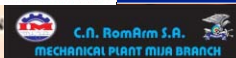


ANP – Afghan National Police
 ANA – Afghan National Army





Non-Standard Supplier Base



Prime contractors are US ammunition companies subcontracting to foreign suppliers/producers...new ammunition off the production line.

Manufacturers in Russia 



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Program Management



- **Established Acquisition Strategy and Implemented Acquisition Processes**
 - Improve Timeliness
 - Longer Term “Best Value” Contracts; Base + Options; Multiple Prime Contractors
- **Implement IPTs With all Prime Contractors to Improve Communication**
 - Technical and Overarching
- **Work Requirements With Customers**
- **Coordinate Efforts With State Department**
 - Coordinate State Department Participation in Industry Day
 - Work With State Department and Defense Technology Security Administration (DTSA) on Brokering Authorizations for Solicitations

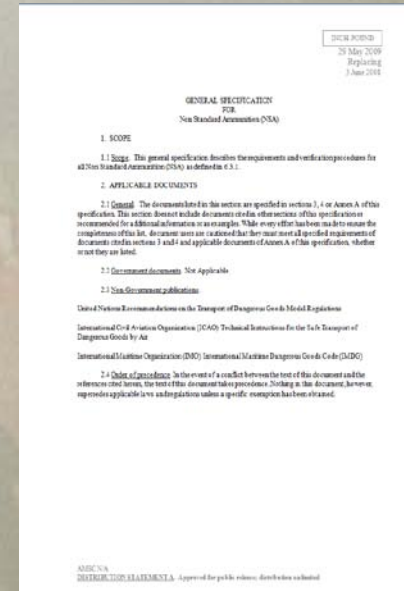
Establish program management similar to standard US ammunition



Technical Management



- **Established and Continually Improving Knowledge Base of Items and Producers/Suppliers**
 - Facility/Capability Assessments
 - Discussions W/ Design and Production Engineers
- **Apply General Technical Specifications to Ammunition to Establish QA Levels**
- **Review And Approve Producer / Supplier Specific Top-level Assembly Drawings**
 - 63 Technical Data Packages Approved for 3 Prime Contractors and 14 Suppliers
- **Established and Manage Technical Data Base for Performance Documentation and Trend Analysis**
- **Implemented Configuration Management**
- **Validate Test Technologies and Methodologies Performed by Suppliers**





Quality Assurance

- Require Prime Contractor to be ISO Certified or Equivalent and Flow Down Quality Processes to Producers
 - Review and Approve Lot Acceptance Test (LAT) Criteria and Results for Each Ammunition Item
 - Validate Approved Criteria Through LAT Observation Whenever Possible
 - Update Technical Data to Incorporate Enhancements Observed During LAT
- Execute Source Inspection of all Shipments Using Critical Quality Assurance Representative (QAR) Support From DCMA



Verifying Compliance to Quality Standards Prior to Delivering to Theater



Non-Standard Ammunition Quality Assurance



Kind - Count - Condition



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Future Activities



- **Continue to provide quality ammunition as long as required to:**
 - **Coalition Allies**
 - **Test agencies**
 - **Research and development requirements**
 - **Training/Other**

- **Establishing a robust acquisition strategy and program plan to meet developing needs**
 - **To be Posted in the Federal Business Opportunities (<https://www.fbo.gov>)**
 - **Expect an Industry Day 3QFY10**



Summary



Successfully

Delivering Ammunition to US and Allied Forces...

Supporting

Large & Changing Requirements...

Managing

A Complex Worldwide Supply Chain

Enterprise approach in “implementing requirements that are reasonable, understandable, & executable.”