

The Contractor shall be responsible for the delivery of a representative sample(s) of ammunition to the North Atlantic Treaty Organization (NATO) North American Regional Test Center (NARTC) located at Lake City Army Ammunition Plant (LCAAP) in Independence, Missouri for NATO Production Testing. This is required in order to determine if the U.S. ammunition designs, listed below, that are currently qualified to be used by NATO Member Forces, continue to meet the NATO standards for battlefield interchangeability and merit the application of the NATO Symbol of Interchangeability required in accordance with the following NATO Standardization Agreements (STANAG) and accompanying Manual Of Proof & Inspection (MOPI):

STANAG 4172 – 5.56mm Ammunition (Linked or Otherwise)
STANAG 2310 – Small Arms Ammunition (7.62mm)
STANAG 4383 – 12.7mm (.50) Ammunition Packed As Linked Belts

The STANAGs and associated MOPIs are available upon request.

The following U.S. ammunition designs are currently NATO Qualified:

The U.S. 5.56mm, M855 Ball design (NATO Design Number AC/225-111A) was approved for NATO Qualification on 30 June 1987, which was published in NATO Publication, AC/225 (PIII/SP1)D/226.

The U.S. 7.62mm, M80 Ball design (NATO Design Number AC/116-18A) was approved for NATO Qualification on 1 August 1967, which was published in NATO Publication, AC/116-D/383. This design utilizes the Gilding Metal Clad Steel Bullet (drawing #8595669).

The U.S. 7.62mm, M80 Ball design (NATO Design Number AC/116-7A) was approved for NATO Qualification on 19 August 1963, which was published in NATO Publication, AC/116-D/261. This design utilizes the Gilding Metal Bullet (drawing #10522590).

The U.S. 7.62mm, M62 Tracer design (NATO Design Number AC/116-10A) was approved for NATO Qualification on 15 October 1964, which was published in NATO Publication, AC/116-D/300. This design utilizes the Gilding Metal Bullet Jacket (drawing #10523994).

The U.S. 7.62mm, M62 Tracer design (NATO Design Number AC/116-9A) was approved for NATO Qualification on 6 May 1964, which was published in NATO Publication, AC/116-D/296. This design utilizes the Gilding Metal Clad Steel Bullet Jacket (drawing #7553758).

NATO Production Test –

The NATO Production Test is conducted to establish that subsequent production of the qualified ammunition design continues to merit the appropriate NATO Symbol of

Interchangeability and to detect design or production changes which may have been inadvertently introduced into production in violation of the STANAG.

The following cartridge and link designs are not currently NATO Qualifies and NATO Production Test samples are currently not required. Once these designs have passed NATO Qualification testing and are approved as NATO Qualified Designs, the Contractor will receive notification via the Contracting Officer to submit NATO Production Test samples per the same guidance. In addition, since NATO is only concerned with battlefield ammunition interchangeability, training and blank ammunition does not apply to this requirement. Therefore the following DODICS/items are not required to submit them for NATO Production Testing:

- 5.56mm, M200 Blank
- 5.56mm, M855A1 EPR
- 5.56mm, M856 Tracer
- 5.56mm, M27 Link
- 7.62mm, M13 Link
- 12.7mm, M8 API
- 12.7mm, M9 Link
- 12.7mm, M17 Tracer
- 12.7mm, M20 APIT
- 12.7mm, M33 Ball

- AA33 (if produced by a different sub-vendor)
- AB56
- AB57
- AB58
- A064
- A080
- A555
- A557

Submission of Samples –

The submission of ammunition samples for NATO Production Testing shall be authorized by the U.S. Delegate to AC/225(LCG/1-SG/1) who shall certify that no changes have been made to the build standard of the ammunition design that obtained Qualification Approval/NATO design number and that the ammunition is from each production facility producing each specific ammunition design.

When more than one manufacturer or sub-vendor is producing cartridges of a U.S. NATO Qualified design, a production sample for each design from each manufacturing source shall be submitted to the NARTC for a separate Production Test. The Contractor is required to ensure that any sub-vendors manufacturing complete cartridges (or sub-vendors who receive major components from another sub-vendor) must also submit an annual NATO Production Test samples to the NARTC in a timely manner.

A NATO Production Test (PT) sample shall be submitted for testing once every twelve months for each of the NATO Qualified ammunition designs listed above that are in production to maintain the NATO Symbol of Interchangeability (cloverleaf). The annually submitted sample shall be from the same month of production as that of the previous sample for the length of the contract.

The ammunition sample submitted for PT shall be from a representative sample, from the first normal production lot of not less than 100,000 cartridges of ball ammunition (50,000 of all other types) that has passed all national proof and inspection requirements and are considered as part of the deliverables.

The ammunition quantity required and configuration to be delivered under this Basic Ordering Agreement shall be in accordance with the following table (to the nearest complete box or convenient delivery quantity (i.e. “Best Commercial Practices”). The single rounds may be packed in clip/carton pack as applicable. The ammunition must be packaged so as to preclude damage in normal handling and transportation. In addition to any other markings required by this contract, the packaging for each sample shall be marked, “FOR NATO TESTING” and must also include; item nomenclature, lot number, manufacturer and quantity per package.

Caliber	Type	Single Rounds	Linked Rounds	Total
5.56mm	Ball	7K	6K	13K
5.56mm	Tracer	7K	6K	13K
7.62mm	Ball	3K	2K	5K
7.62mm	Tracer	3K	2K	5K
12.7mm	Ball	2K	3K	5K
12.7mm	Tracer	2K	3K	5K
12.7mm	API	2K	3K	5K
12.7mm	APIT	2K	3K	5K

The deliveries for each of these sample(s) are to be made F.O.B. Origin and shipped to the following address:

NATO North American Regional Test Center (NARTC)
 Lake City Army Ammunition Plant (LCAAP)
 Highways #7 & #78
 Independence, Missouri 64051
 UNITED STATES

The Contractor shall submit the following supporting documentation prior to and along with the sample of the subject cartridge design to be tested:

A completed Form 2 – Request for NATO Production Test (please contact the U.S. Delegate for assistance in completing the attached form)

A copy of the Certificate of Conformity for the propellant and primer composition chemical analysis confirming that the compositions meet the build standard and tolerances defined in the technical data package for the subject cartridge.

A copy of the complete national lot acceptance test results.

A copy of the signed DD 250 Form (Material Inspection and Receiving Report).

A copy of the Ammunition Data Card (ADC).

Notification of when sample shipment is initiated by the Contractor.

The above requested information shall also be submitted electronically to the following individuals:

U.S. Delegate
NARTC Superintendent
NARTC Test Director

whose contact information will be provided by the POC after contract award.