

**AIRMUNITION SPECIFICATION  
FD2020-16-69032**

**NSN: 1377-01-536-4060ES**

1. The contractor shall provide an advanced Report of Shipment (REPSHIP) to the consignee no later than 24 hours prior to the shipment arrival, and for ammunition shipments no later than two hours after shipment departure. A (REPSHIP) shall include all the following data in accordance with **ATTACHMENT 1**. □
2. Contractor shall contact their nearest Defense Contract Management Agency (DCMA) Office for transportation guidance and assistance for all Foreign Military Sales (FMS) deliveries prior to shipment; and ensure that the DCMA provides one information copy of completed Notice of Availability (NOA) including FMS case and requisition numbers by mail to:  
AFLCMC/EBHMB Attn: FMS Transportation 6043 Elm Lane, Hill AFB, UT 84056-5819, or Fax to: (801) 777-1089 or Email to [ooalc.gacp.transportation@us.af.mil](mailto:ooalc.gacp.transportation@us.af.mil).
3. Department of Defense Identification Code (DODIC) MD88
4. One copy of all shipping documents shall be furnished to 429 SCMS/GUMAB, by mail to: 6038 Aspen Ave, Hill AFB, Utah 84056-5805 or FAX to; (801)777-5545, or Email: [hill.outgoing.mipr@us.af.mil](mailto:hill.outgoing.mipr@us.af.mil) and shall identify requisition number, MIPR number and line item. (MIPRS ONLY)
5. Ammunition Data Cards (ADC) shall be filled out; input in accordance with Attachment 2, Statement of Work – Ammunition Data Cards; and state quantity/serial number of lot acceptance test units in the remarks block. **CDRL (DI-MISC-80043)** □
6. Items shall be marked in accordance with CAD/PAD Item Marking Instruction Version 1.2, 04 Nov 2014, reference attachment.
7. Shelf Life Code marking NOT required per MIL-STD-129.

8. Hazard Classification Information:

Hazard Class/Division: 1.4
Storage Compatibility Group: C
DOT Marking: Cartridges, Power Device
DOT Class: 1.4C
DOT Label: Explosive, 1.4C
UN Serial No.: 0276
UN Proper Shipping Name: Cartridges, Power Device

Net Explosive Weight per item (N.E.W): 0.01647 lbs (note: include unit of measurement)  
NEW for all packaging/shipping documents shall reflect the NEW identified above per JHCS or IHC. If NEW is altered to adjust item performance and is greater than the weight listed, an ECP

shall be submitted to the government prior to manufacturing or at least 60 days prior to shipping and shall include the MSDS and applicable supporting documentation.

9. Contracts involving ammunition and explosives (AE) will contain:
- DFARS Title 48 Part 252.223-7002, Safety Precautions for Ammunition and Explosives
  - DFARS Title 48 Part 252.223-7003, Change in Place of Performance - Ammunition and Explosives

Additionally, if the scope of work includes air shipment of explosives, the safety specification should require contractor compliance with:

- AFMAN 24-204(I), Preparing Hazardous Materials for Military Air Shipments

10. All Engineering Change Proposals (ECPs), Notice of Revisions (NORs), and Request For Variances (formerly RFD/RFWs) affecting the approved product baseline configuration, acceptance test procedures, or manufacturing process of any item(s) on this contract shall be in accordance with MIL-STD-3046. Major ECPs with NORs and Critical/Major RFVs shall be submitted to the responsible Government Engineering Authority for review/disposition by CCB. Minor/Administrative ECPs with NORs and Minor RFVs shall be processed by the:

**COGNIZANT GOVERNMENT ENGINEER / ACO / CONTRACTOR**

**ECPs - CDRL (DI-SESS-81880)**

**RFVs - CDRL (DI-SESS-81883)**

Distribution Statement B, Reason: Admin/Operational use only (Engineer – ref. DoD 5230.24

11. Item(s) must pass both **gross and fine leak checks**. MIL-STD-883, Method 1014.13 may be used as guidance. The existing leak rate limit established for this item(s) will remain the same. Contractor shall generate a Lot Acceptance Test Plan (LATP/ATP) with an analysis or test results showing compliance for Hill AFB engineering approval at least 90 days prior to commencement of Lot Acceptance Testing allowing for 30 days approval time after submission.

**CDRL (DI-QCIC-80553)**

12. Electronic Systems to encompass system, subsystem, pieces parts and assemblies shall not contain any substitutes for Tin-Lead solder and finishes. The use of any Tin-Lead substitutes requires approval through PCO and cognizant engineer, REFERENCE: “Airworthiness Advisory (AA-08-02) Lead Free Electronics” and GEIA-STD-0005-1 & 2

13. Lot Acceptance Test Requirements are: In accordance with Weapon Specification 34417E, Navy

14. The contractor shall furnish a Lot Acceptance Test/Inspection Report in the following system(s): WAWF / WARP

**CDRL: (DI-NDTI-80809)**

15. LOT ACCEPTANCE TEST: In the event of an end item failure, the contractor shall notify the PCO/ACO and Air Force Engineering Organization within 1 business day

Air Force Engineering Organization: AFLCMC/EBHJ

Organization Fax/E-mail: (801) 586-9220 / (allen.hancey@us.af.mil)

16. In the event of test failure(s), a Failure Analysis and Corrective Action Report with proposed corrective actions/recommendations is required. **CDRL: (DI-SESS-81315)**
17. The age of the energetic materials and components (i.e. ALL explosives, propellants, pyrotechnics, cartridges, and/or initiators) used in the manufacture of these items or sub-components shall not exceed 24 months based on the original manufacturing date. All energetic materials and components must be traceable to the original DoD qualified manufacturer and compliant with the **ITAR part 120 and 121** ([http://www.pmddtc.state.gov/regulations\\_laws/itar.html](http://www.pmddtc.state.gov/regulations_laws/itar.html)). Raw (non-blended) ingredients & materials used in blended/mixed energetic materials such as, but not limited to: fuels, oxidizers, binders, curatives, sensitizers, plasticizers, stabilizers etc., shall not exceed 24 months since date of manufacture and comply with original manufacture's Specification or MIL-STD. The government may waive the energetic and constituent material requirements listed above or portions thereof, on a case-by-case basis (when acceptable to the government) provided the contractor furnishes all details of the reason for the waiver and the age, lot numbers, traceability, and other pertinent information/ test data and Certificate of Analysis/ Conformance (COA/COC) of the subject materials or components. The waiver shall be submitted as a RFD and may be subject to, but not limited to, conditions such as sensitivity testing, stabilizer and analysis and/or dehumidification at vendor's cost; therefore, vendor must plan accordingly.
18. This item is designated as a Critical Safety Item (CSI). Documentation for critical characteristics may be found in the contract, TDP, assembly/inspection procedures or QALI. Other characteristics requiring inspection or special oversight from DCMA: See attached QALI