

MIL-STD-1167C  
5 AUGUST 1985  
SUPERSEDING  
MIL-STD-1167B  
1 FEBRUARY 1968

MILITARY STANDARD  
AMMUNITION DATA CARD



AMSC A3663

FSC 1395

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited.

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## 1. SCOPE

This standard establishes and describes the preparation, utilization and distribution of Ammunition Data Cards. An Ammunition Data Card is a record of a particular lot of ammunition (or serial numbered guided missile/large rockets) showing its configuration at the time of manufacture. It includes data on manufacturing requirements, components used, and results of any acceptance testing.

## 2. REFERENCED DOCUMENTS

Issues of the following documents in effect on the date of invitation for bids form a part of this standard to the extent specified herein.

### STANDARDS

#### Military

MIL-STD-1168 - Ammunition Lot Numbering

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

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## 3. DEFINITIONS - Not applicable

## 4. GENERAL REQUIREMENTS

4.1 Applicability. An Ammunition Data Card is required for each lot of ammunition materiel and serially numbered item of ammunition, as stated in the detail specification for that item. If the detail specification does not contain a requirement for data cards, or if the item is not covered by a specification, the necessity for data cards will be determined by the procuring activity. The procuring activity determination will be based on whether lot numbers are applicable or are likely to be applicable. When it is assured that the item lot numbers will be applicable, a data card requirement shall be included in the specification. Excluded from the requirements are all nuclear weapons including (but not limited to) projectiles, missiles and atomic demolition munitions.

4.1.1 When data cards are required, the contractor (manufacturer, loader or assembler as appropriate) shall be responsible for their preparation.

4.1.2 When all or part of an ammunition lot is reworked, renovated or modified, a revised ammunition data card shall be prepared. The revised data card shall include a description of the work performed which required the revision to the data card.

4.1.3 Unless otherwise noted, a data card shall accompany each lot of ammunition materiel and each serially numbered item of ammunition to its destination whether within a Service, to another Service, or to another contractor or Security Assistance Program customer. This card shall be one prepared by the contractor or a duplicate card.

4.1.4 When a manufacturer produces an item requiring an ammunition data card for the first time or after a one-year production lapse, one ADC, marked "sample", must be submitted to AMSMC-QAD(R) prior to start of production for approval of format and technical data.

All subsequent ammunition data cards produced by that manufacturer on that item will be in the approved format until changes are required by regulatory guidance, at which time a new sample card will be submitted to AMSMC-QAD(R) for approval.

## 5. DETAILED REQUIREMENTS

5.1 Data cards and format. Ammunition Data Card Specification and Format (DD Form 1650) shall be 8 by 5 inches and printed on commercial manilla tag board, or equivalent, of approximately 175 pounds ream weight. The Data Card will consist of two sides, front and back. The front of the card (Figure 1a) pertains to new manufacturing and rework/renovation materiel. The back of the card (Figure 1b) pertains to the components of the materiel.

5.1.1 Ammunition Data Card forms are authorized for local contractor reproduction by any process which results in a clear, black image.

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5.1.2 Ammunition Data Card format for explosive loaded items is shown in Figures 1a and 1b. This format provides blocks for both the general and detailed information.

5.1.3 Data Card format for inert items. The format of the data card for inert items shall be basically the same format as that for loaded items, with N/A in the blocks that are unnecessary.

5.1.4 When data cards are revised as a result of renovation or rework, current information will be entered in all blocks where it differs from the original data card.

5.2 Preparation instructions. Preparation instructions are contained in Data Item Description DI-MISC-80043.

5.3 Distribution of data cards. The distribution of data cards shall be made in accordance with the instructions furnished by the procuring installation and as follows:

5.3.1 Data cards for end items, components, and metal parts procured by a service for its own use and/or by another service shall be provided as follows:

5.3.1.1 For all Army, Navy, Marine Corps and Air Force items, forward one copy to:

Commander  
US Army Armament, Munitions and Chemical Command  
ATTN: AMSMC-QAD(R)  
Rock Island, IL 61299

5.3.1.2 For US Army Activities, Worldwide, including supply classes II, IV, and V, and all items designated as single manager items by DoD 5160.75, forward one copy to:

Director  
US Army Materiel Systems Analysis Activity  
ATTN: DRXSY-RW  
Aberdeen Proving Ground  
Aberdeen, MD 21005

5.3.1.3 For NAVSEA and Marine Corps:

5.3.1.3.1 For NAVSEA, forward the data cards in accordance with NAVSEAINST 8010.2A.

5.3.1.3.2 US Marine Corps Activities, forward data cards in accordance with NAVSEAINST 8014.3A.

5.3.1.4 Data cards for items procured by Air Force or for Air Force by Army or Navy shall be forwarded to Ogden Air Logistics Center, ATTN: MMWRA, Hill AFB, UT 84056.

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5.3.2 Unless otherwise noted, a data card shall accompany each shipment of a lot or each serial-numbered item of ammunition to its destination whether within a service,<sup>a</sup> to another service, to another contractor, or a Security Assistance Program customer. Where large quantities of the same lot are involved consisting of more than one shipping package, a single data card may be utilized and attached to the shipping documentation.

5.3.3 A data card shall also be forwarded immediately to the procuring activity.

5.3.4 For lots requiring function test, the Government inspector must prepare a provisional data card for limited distribution pending determination of the final disposition of the lot. A provisional data card is identical in all respects to a final data card, except that the disposition block is marked "PENDING TEST" in pencil. Two copies of the provisional data card must be forwarded to the proving ground with the ballistic test samples. Upon learning the final disposition of the lot and after any required waiver actions have been completed, the Government inspector must sign the final data card for distribution as specified in paragraphs 10.4 and 10.5 of Data Item DI-MISC-80043.

5.3.5 When a lot is rejected, the data cards for the lot shall be immediately distributed to the procuring activity, the Government inspector, the contractor and proving ground. (If a rejected lot is later waived, the full distribution required shall be made and it shall be indicated that the lot shall be accepted.)

5.4 Lot numbering assignments. Lot numbering assignments shall be in accordance with MIL-STD-1168.

Custodians:

Army - AR  
Navy - OS  
Air Force - 99

Preparing Activity:

Army - AR

Project Number:

1395-0237

Review Activities:

Army - MI  
Navy - OS  
Air Force - 70

User:

Army - AR  
Marine Corps - MC  
Navy - OS

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AMMUNITION DATA CARD				Form Approved OMB No. 0704-0188 Exp. Date: June 30, 1986	
1. ITEM NOMENCLATURE		2. NSN	3. DODIC	4. LOT NUMBER	
5. MANUFACTURER, LOADING OR ASSEMBLY ACTIVITY			6. NET QUANTITY	7. PACKING OF LOT	
8. CONTRACT OR ORDER NO.	9. DRAWING AND REVISION		10. SPECIFICATION AND REVISION		
11. DATE STARTED	12. DATE COMPLETED	13. DATE INSPECTED	14. LINE	15. ZONE WEIGHT	
16. SPECIFICATIONS					
a. CHARGE WEIGHT	b. INDEX OF POWDER	c. MAXIMUM PACKING DEPTH IN INCHES	d. PRODUCTION PACKING DEPTH RANGE IN INCHES	e. EXPLOSIVE WEIGHT PER PACKAGE	
17. TEST SAMPLES					
a. NUMBER	b. SENT TO		c. DATE SHIPPED	d. MODE OF SHIPMENT	
18. DOT NOMENCLATURE		19. HAZARD CLASS	20. GOVERNMENT QUALITY ASSURANCE ACTIVITY		
21. REMARKS					
22. DISPOSITION	23. GOVERNMENT INSPECTOR				
	a. TYPED NAME	b. SIGNATURE			c. DATE SIGNED

DD Form 1650, 1/3 Draft

(FRONT)

FIGURE 1A

24. COMPONENTS					
a. COMPONENT	b. DRAWING NO.	c. MANUFACTURER	d. DATE MFG.	e. LOT NO.	f. QUANTITY

DD Form 1650 Reverse, 1/3 Draft

(BACK)

FIGURE 1B

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## APPENDIX A

### DATA REQUIREMENTS

#### 10. GENERAL.

10.1 Scope. This appendix identifies the data requirements applicable to this standard.

10.2 Purpose. The requirements of this standard are used to acquire and transmit data on an Ammunition Data Card referenced record of the initial history of a lot of ammunition and explosive materiel or of a serially numbered complete round guided missile which contains all required data pertaining to each lot of the item.

#### 20. REFERENCED DOCUMENTS.

Not applicable

#### 30. DEFINITIONS.

Not applicable

#### 40. GENERAL REQUIREMENTS.

Not applicable

#### 50. DETAIL REQUIREMENTS.

50.1 Data. When this standard is used in an acquisition which incorporate a DD Form 1423, Contract Data Requirements List (CDRL), the data requirements identified below shall be developed as specified by an approved Data Item Description (DD Form 1664) and delivered in accordance with the approved CDRL incorporated into the contract. When the provisions of DAR 7-104.9(n)(2) are invoked and the DD Form 1423 is not used, the data specified below shall be delivered by the contractor in accordance with the contract or purchase order requirements. Deliverable data required by this standard is cited in the following paragraph:

Paragraph No.	Data Requirement Title	Applicable DID No.
4.1.1	Ammunition Data Card	DI-MISC-80043

(Data item descriptions related to this standard, and identified in Appendix A will be approved and listed as such in DoD 5000.19L., Vol, II, AMDSL. Copies of data item descriptions required by the contractors in connection with specific acquisition functions should be obtained from the Naval Publications and Forms Center or as directed by the contracting officer.)



## STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER MIL-STD-1167C		2. DOCUMENT TITLE AMMUNITION DATA CARD	
3a. NAME OF SUBMITTING ORGANIZATION		4. TYPE OF ORGANIZATION (Mark one)	
		<input type="checkbox"/> VENDOR  <input type="checkbox"/> USER  <input type="checkbox"/> MANUFACTURER  <input type="checkbox"/> OTHER (Specify): _____	
b. ADDRESS (Street, City, State, ZIP Code)			
5. PROBLEM AREAS			
a. Paragraph Number and Wording:			
b. Recommended Wording:			
c. Reason/Rationale for Recommendation:			
6. REMARKS			
7a. NAME OF SUBMITTER (Last, First, MI) - Optional		b. WORK TELEPHONE NUMBER (Include Area Code) - Optional	
c. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional		8. DATE OF SUBMISSION (YYMMDD)	