APPENDIX 43

UNITIZATION PROCEDURES FOR BOXED AMMUNITION AND COMPONENTS ON 4-WAY ENTRY PALLETS

CARTRIDGE, 81MM, PACKED 3 PER WOODEN BOX, UNITIZED 30 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 26-1/8" L X 13-3/4" W X 6-5/8" H

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002.

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE;
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U.S. ARMY MATERIEL COMMAND DRAWING D. WHITMORE DRAFTSMAN APPROVED, U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND SANDRA M. SCHULTZ ENGINEER VALIDATION ENGINEERING SUPPLY ENGINEERING TRANSPORTATION NOIZIVID ENGINEERING NOISIVID NOIZIVIO SMCAR-ESK AMSMC-TMCT APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND JULY 1979 DRAWING FILE CLASS NOIZIVIO U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL REVISION NO. 5 AUGUST 1994 4116/ 20PA 19 48 43 1002 SEE THE REVISION LISTING ON PAGE 2

DO NOT SCALE

PALLET UNIT DATA				
ITEMS INCLUDED		HAZARD CLASS AND DIVISION		ADDDOV
NSN	DODIC	OD CLASS	COMP GROUP	APPROX WEIGHT LBS
1315- 00-028-5004 00-182-3426 00-602-5177 00-702-0724 00-892-3968 00-965-0804 00-542-0179 00-143-7184 00-935-6007 00-935-6033 00-935-6033 00-935-544 00-782-5544 00-782-5547 00-935-6002 00-935-6002 00-935-6030 00-935-6031 00-935-6031 00-935-6032 01-127-7481 01-147-6307	C222 C222 C222 C222 C222 C223 C236 C236	(08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2 (08)1.2		1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618 1,618

HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

REVISIONS

REVISION NO. 1, DATED JULY 1982, CONSISTS OF:

 ADDING ITEM BY NATIONAL STOCK NUMBER TO THE "PALLET UNIT DATA" CHART.

REVISION NO. 2, DATED DECEMBER 1983, CONSISTS OF:

1. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.

REVISION NO. 3, DATED MAY 1984, CONSISTS OF:

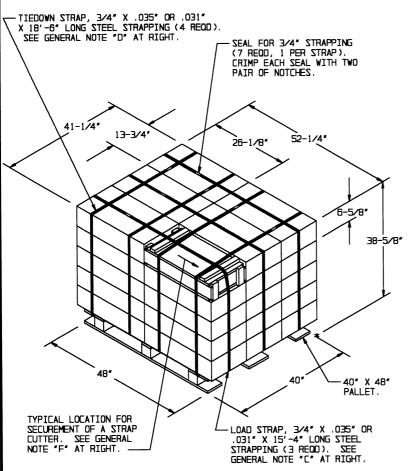
 ADDING ITEMS BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.

REVISION NO. 4, DATED JULY 1989, CONSISTS OF:

- 1. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.
- 2. DELETING ITEMS BY NATIONAL STOCK NUMBER FROM "PALLET UNIT DATA" CHART.
- 3. ADDING GENERAL NOTE "J".

REVISION NO. 5, DATED AUGUST 1994, CONSISTS OF:

- ADDING ITEMS BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.
- 2. DELETING ITEM BY NATIONAL STOCK NUMBER FROM "PALLET UNIT DATA" CHART.



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

30 BOXES OF 81MM CARTRIDGE (3 PER BOX) AT 51 LBS - - - - 1,530 LBS (APPROX) DUNNAGE - - - - - - - 8 LBS PALLET - - - - - - - - - - - 80 LBS

TOTAL WEIGHT - - - - - - - - - - - - - - - - - 1,618 LBS (APPROX)

CUBE - - - - - - - - - - - - 48.2 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 40" X 48" - - - - - - 1 REOD - - - - 80 LBS STEEL STRAPPING, 3/4" - - 100.00' REOD - - - 7.14 LBS SEAL FOR 3/4" STRAPPING - - - 7 REOD - - - NIL

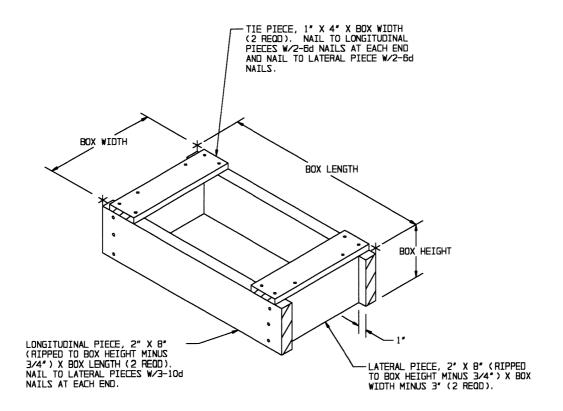
GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19 48 4116 20PA1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN THIS APPENDIX. ANY EXCEPTIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.
- B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- THE LOAD STRAPS MAY BE THREADED THROUGH THE STRAP SLOTS OF A PALLET OR PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. TIEDOWN STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF LOAD STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE DECK/STRINGER BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. LOAD STRAPS WILL NOT BE APPLIED UNTIL THE TIEDOWN STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPLICABLE.

CARLOADING - - - 19-48-4115-5PA1002
TRUCKLOADING - - 19 48 4117 11PA1003
STORAGE - - - 19-48-4118-1-2-3-4-14-22PA1002
COMMERCIAL
CONTAINER - - - 19-48-4153-15PA1002
MILVAN - - - - - 19-48-4166-15PA1003
SIDE OPENING COMMERCIAL
CONTAINER - - - 19-48-6267-15PA1009

- F. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE AMC DRAWING 19 48 4127 20P1000.
- G. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING 81MM CARTRIDGES WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, PROVIDED THE BOX PACK DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- J. THE STYLE 1 PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-P-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.

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FILLER ASSEMBLY

(FOR MINUS ONE BOX)