

APPENDIX 156B

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

**FUZE, POINT DETONATING AND/OR MECHANICAL
TIME, PACKED 15 PER WOODEN BOX, UNITIZED 60
BOXES PER 35" X 45-1/2" PALLET; APPROX BOX
SIZE 16-3/4" L X 9-3/4" W X 8-7/8" 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:

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U.S. ARMY MATERIEL COMMAND DRAWING

<p style="font-size: small;">APPROVED, U.S. ARMY FIELD SUPPORT COMMAND</p> <p style="font-size: x-large; font-family: cursive;"><i>David A. Piskoun</i></p> <p style="font-size: x-small; text-align: right;">TEK AMSRD-AAR-AIL-TP</p>	<p>CAUTION: VERIFY PRIOR TO USE AT WWW.DAC.ARMY.MIL THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.</p>			
<p>DO NOT SCALE</p>			<p>NOVEMBER 1983</p>	
<p style="font-size: x-large; font-family: cursive;"><i>David A. Piskoun</i></p> <p style="font-size: x-small; text-align: right;">SFSJM-LIT</p>	ENGINEER OR TECHNICIAN	BASIC REV.	<p>GEORGE B. FECKE</p> <p>ADIN FELICIANO</p>	
<p style="font-size: x-small;">APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p style="font-size: x-large; font-family: cursive;"><i>[Signature]</i></p> <p style="font-size: x-small;">U.S. ARMY DEFENSE AMMUNITION CENTER</p>			TRANSPORTATION ENGINEERING DIVISION	TESTED
<p style="font-size: x-large; font-family: cursive;"><i>[Signature]</i></p>			VALIDATION ENGINEERING DIVISION	CLASS
<p style="font-size: x-large; font-family: cursive;"><i>[Signature]</i></p>			ENGINEERING DIRECTORATE	DIVISION
			DRAWING	FILE
			19	48
			4116/ 156B	20PA1002

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1390-				
00-028-4908	N275	1. 2. 2	B	3, 018
00-028-4911	N275	1. 2. 2	B	3, 018
00-028-4498	N277	1. 2. 2	B	3, 076
00-892-4193	N282	1. 4	B	3, 076
00-028-4892	N319	1. 2. 2	B	3, 076
00-028-4903	N319	1. 2. 2	B	3, 196
00-096-3068	N326	1. 1	B	3, 076

*HAZARD AND 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 APRIL 1984, CONSISTS OF:

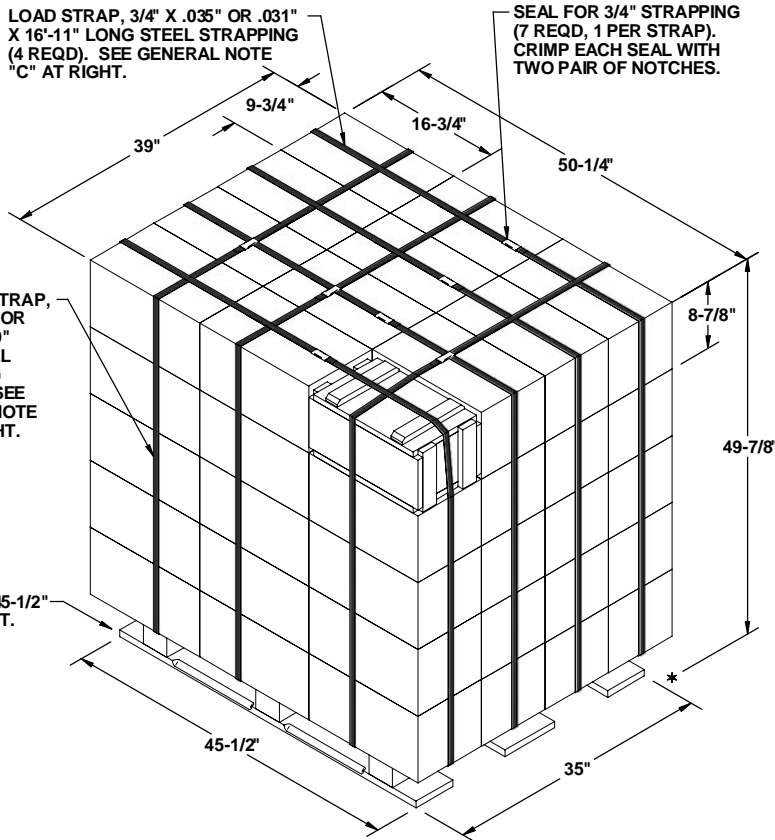
DELETING ITEMS BY NATIONAL STOCK NUMBER FROM "PALLET UNIT DATA" CHART.

REVISION NO. 2, DATED DECEMBER 2005, CONSISTS OF:

1. UPDATING DRAWING FORMAT.
2. DELETING ITEM BY NATIONAL STOCK NUMBER FROM "PALLET UNIT DATA" CHART.
3. REVISING GENERAL NOTES.

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.
- C. THE LOAD STRAPS MUST BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.
 - CARLOADING - - - - 19-48-4115-5PA1002
 - TRUCKLOADING - - - - 19-48-4117-11PA1003
 - STORAGE - - - - 19-48-4118-1-2-3-4-14-22PA1002
 - END OPENING ISO
 - CONTAINER - - - - 19-48-4153-15PA1002
 - MILVAN - - - - 19-48-4166-15PA1003
 - SIDE OPENING ISO
 - CONTAINER - - - - 19-48-4267-15PA1009
- F. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS REVISION TO THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS REVISION.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING FUZES 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.
- H. WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, TWO LAYERS OF BOXES MUST BE OMITTED, TIEDOWN STRAP LENGTHS MUST BE DECREASED TO 12'-1", AND LOAD STRAP LENGTHS MUST BE DECREASED TO 13'-11". THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 32'-1/8", A GROSS UNIT WEIGHT OF 1,943 POUNDS, AND A UNIT CUBE OF 36.4 CUBIC FEET. ADDITIONALLY, THE UNIT MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED BY MILVAN OR ISO INTERMODAL FREIGHT CONTAINER, VAN TRAILER, OR BOXCAR. THE DETERMINATION TO REDUCE THE LOAD BY A LAYER FOR TRANSPORTATION WILL BE MADE BY THE RESPONSIBLE COMMAND AND WILL BE BASED UPON ECONOMICS OF TRANSPORTATION AND HANDLING.
- J. FOR DETAILS OF THE MIL-B-2427 WOODEN BOX SEE DRAWING 9281170.

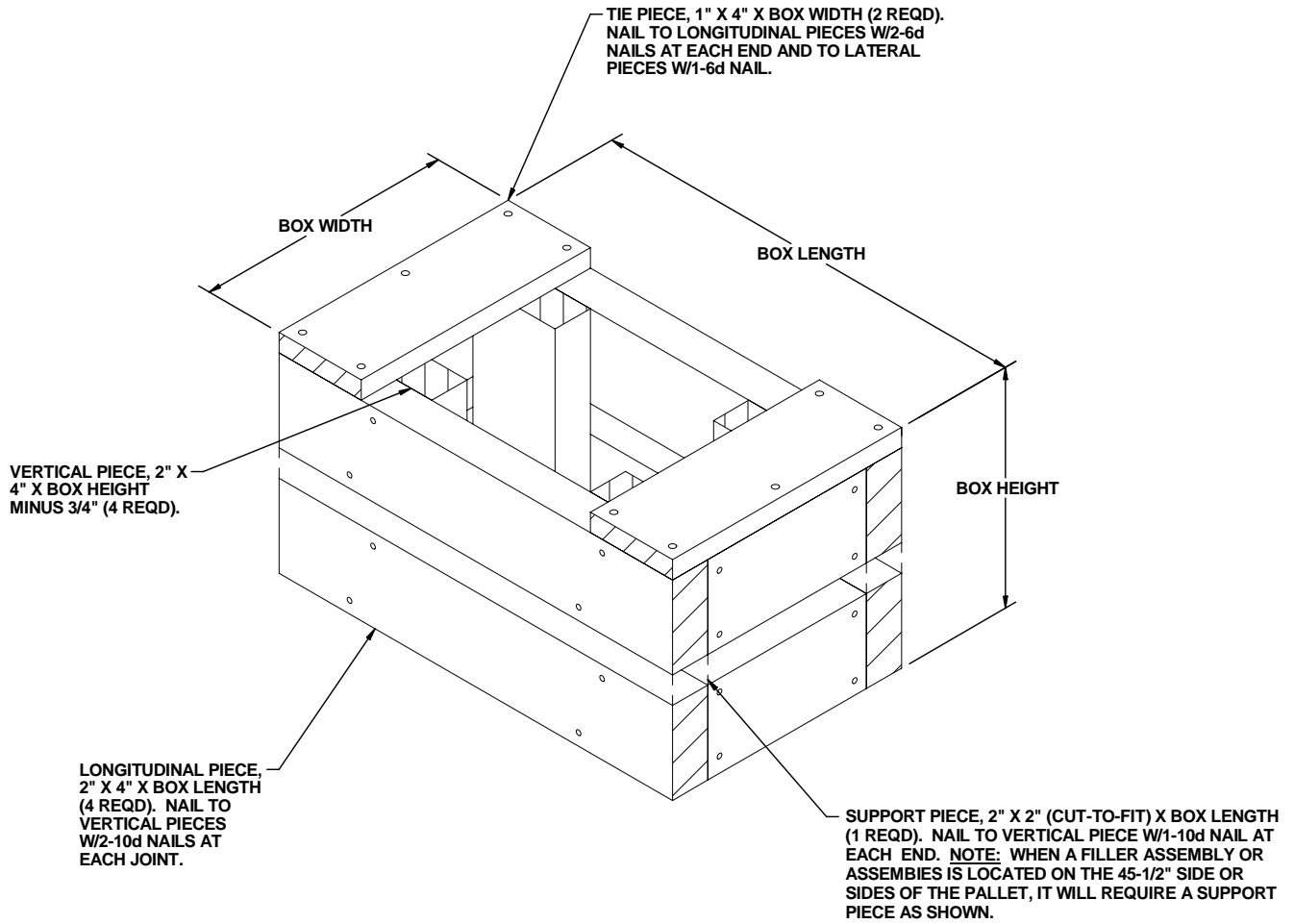


PALLET UNIT
SEE GENERAL NOTE "B" AT RIGHT.

60 BOXES OF FUZES (15 PER BOX) @ 52 LBS - - - - -	2,784 LBS
DUNNAGE - - - - -	11 LBS
PALLET - - - - -	65 LBS

TOTAL WEIGHT - - - - -	3,196 LBS (APPROX)
CUBE - - - - -	56.6 CU FT (APPROX)

BILL OF MATERIAL			
PALLET, 35" X 45-1/2"	- - - -	1 REQD	- - - - 65 LBS
STEEL STRAPPING, 3/4"	- 112.67'	REQD	- - - - 10.06 LBS
SEAL FOR 3/4" STRAPPING	- - -	7 REQD	- - - - NI L



FILLER ASSEMBLY
(FOR MINUS ONE BOX)