

APPENDIX 127M

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

**CORD, DETONATING OR DUMMY CORD, DETONAT-
ING, PACKED 3 SPOOLS (3000 FT) PER WOODEN
BOX, UNITIZED 12 BOXES PER 35" X 45-1/2" PALLET;
APPROX BOX SIZE 33" L X 11-1/2" W X 12-1/2" H**

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

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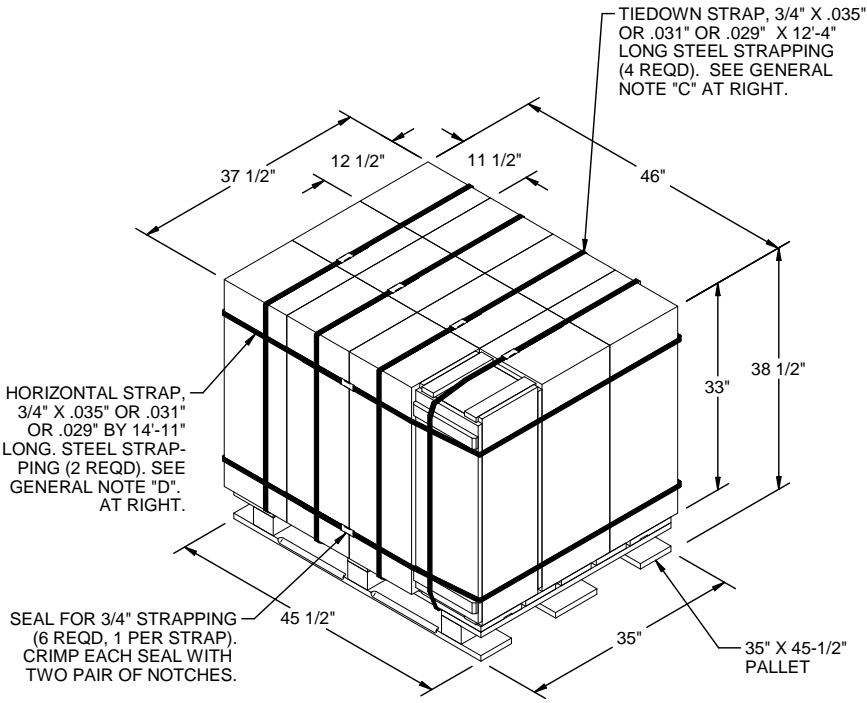
U.S. ARMY MATERIEL COMMAND DRAWING

<p>APPROVED, U.S. ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND</p> <p>REHMSTEDT.MA RK.J.1230548400</p> <p><small>Digitally signed by REHMSTEDT MARK.J.1230548400 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=REHMSTEDT MARK.J.1230548400 Date: 2012.08.07 15:21:10 -05'00'</small></p> <p style="text-align: right;">RDAR-EIL-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>			SEPTEMBER 2012			
<p>APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND</p> <p>CASILLAS.GILBE RT.J.1230393644</p> <p><small>Digitally signed by CASILLAS GILBERT.J.1230393644 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=CASILLAS GILBERT.J.1230393644 Date: 2012.08.08 07:29:29 -05'00'</small></p> <p style="text-align: right;">AMSJM-LIT</p>	<p>DO NOT SCALE</p>	<p>ENGINEER OR TECHNICIAN</p>	<p>BASIC REV.</p>	<p>MORGAN SENNETT</p>			
<p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p>SCHULZ.CHARLES .R.JR.1088115143</p> <p><small>Digitally signed by SCHULZ CHARLES.R.JR.1088115143 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=SCHULZ CHARLES.R.JR.1088115143 Date: 2012.08.08 08:12:43 -05'00'</small></p> <p style="text-align: center;">U.S. ARMY DEFENSE AMMUNITION CENTER</p>	<p>TRANSPORTATION ENGINEERING DIVISION</p> <p>FIEFFER.LAUR A.A.1230375727</p> <p><small>Digitally signed by FIEFFER LAURA.A.1230375727 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=FIEFFER LAURA.A.1230375727 Date: 2012.08.06 11:10:20 -05'00'</small></p>	<p>VALIDATION ENGINEERING DIVISION</p> <p><small>Digitally signed by FELICIANO.ADIN.1259200373 DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=FELICIANO.ADIN.1259200373 Date: 2012.08.06 15:55:06 -05'00'</small></p>	<p>TESTED</p>	<p>CLASS</p>	<p>DIVISION</p>	<p>DRAWING</p>	<p>FILE</p>
	<p>19</p>	<p>48</p>	<p>4116/ 127M</p>	<p>20PA1002</p>			

PALLET UNIT DATA				
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1375-00-180-9356	M456	1.1	D	1,057
00-621-8373	M458	-----INERT-----		1,057

*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).

GENERAL NOTES



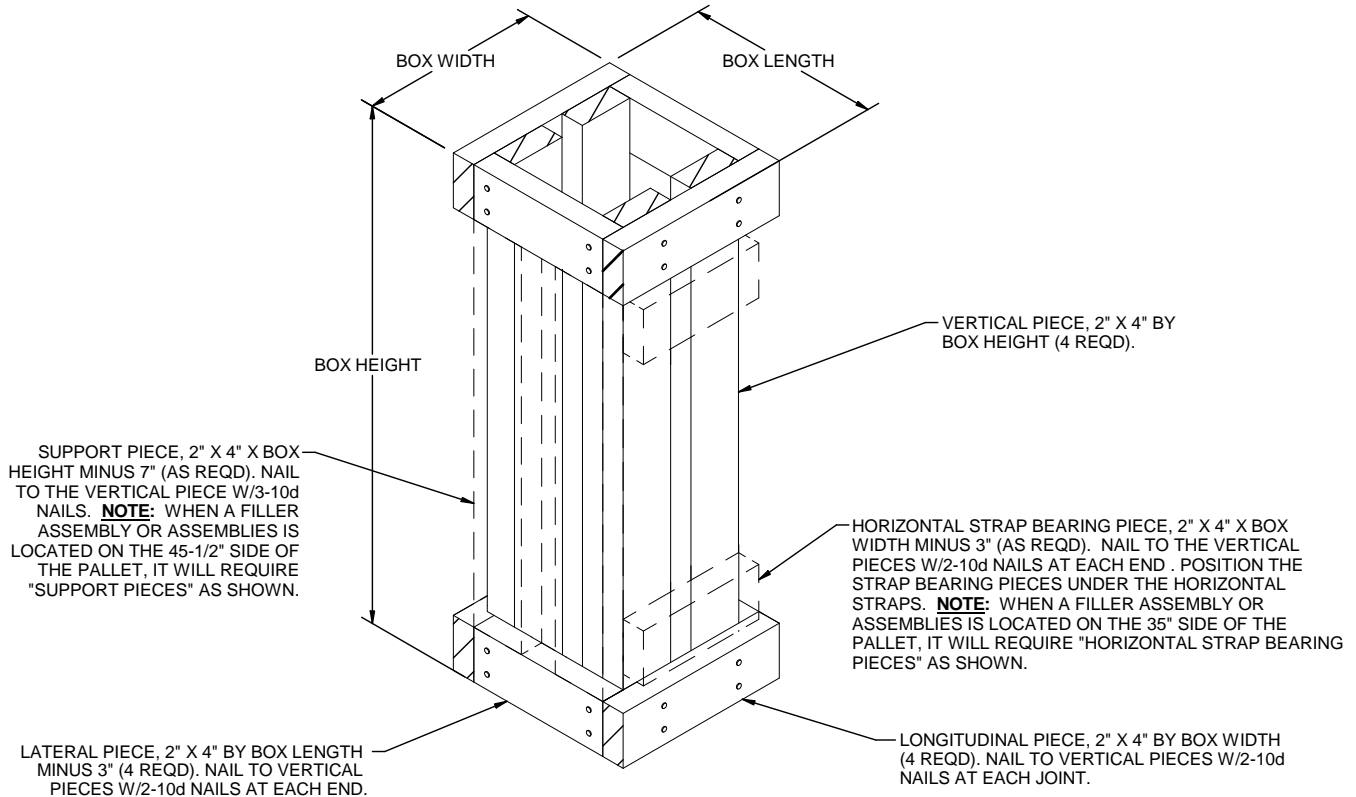
PALLET UNIT
SEE GENERAL NOTE "B" AT RIGHT.

- 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. INSTALL EACH HORIZONTAL STRAP TO BE LOCATED AS SHOWN. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED BEFORE THE 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 HORIZONTAL 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 APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING DETONATING CORD 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. THE STYLE 1A PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION ML-P-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- J. FOR DETAILS OF THE ML-DTL-2427 WOOD BOX SEE AR DEC DRAWING 13042071.

12 BOXES OF DETONATING CORD (3 SPOOLS PER BOX) @ 82 LBS	- - - -	984 LBS
DUNNAGE	- - - -	8 LBS
PALLET	- - - -	65 LBS

TOTAL WEIGHT - - - - - 1,057 LBS (APPROX)
CUBE - - - - - 38.4 CU FT (APPROX)

BILL OF MATERIAL		
PALLET, 35" X 45-1/2"	- - - - 1 REQD	- - - - 65 LBS
STEEL STRAPPING, 3/4"	- - 81.17' REQD	- - - 7.24 LBS
SEAL FOR 3/4" STRAPPING	- - - 6 REQD	- - - - NIL



FILLER ASSEMBLY
(FOR MINUS ONE BOX)