

APPENDIX 95A

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

MINE, ANTIPERSONNEL, OR MUNITION, MODULAR
CROWD CONTROL, PACKED 6 PER WIREBOUND
BOX, UNITIZED 32 BOXES PER 42" X 53" PALLET;
APPROX BOX SIZE 15-1/8" L X 10-9/16" W X 13" OR
13-1/2" 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

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		ENGINEER OR TECHNICIAN	BASIC REV.	WILLIAM R. FRERICHS				
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APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND CARNEY.GARY.BU RTON.1038708038 <small>Digitally signed by CARNEY GARY BURTON.1038708038 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=CARNEY GARY BURTON.1038708038 Date: 2010.10.12 16:24:05 -0500</small>		TRANSPORTATION ENGINEERING DIVISON	FIEFFER.LAUR A.A.1230375727 <small>Digitally signed by FIEFFER LAURA A.1230375727 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=FIEFFER LAURA A.1230375727 Date: 2010.05.25 14:54:14 -0500</small>		REVISION NO. 5 JUNE 2010			
		VALIDATION ENGINEERING DIVISON	BARICKMAN. PHILIP.W.123 0202202 <small>Digitally signed by BARICKMAN PHILIP W.1230202202 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=BARICKMAN PHILIP W.1230202202 Date: 2010.05.26 13:07:11 -0500</small>		SEE THE REVISION LISTING ON PAGE 2			
		ENGINEERING DIRECTORATE	BEAVER.JERRY .W.1230949952 <small>Digitally signed by BEAVER JERRY W.1230949952 DN: cn=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, c=BEAVER JERRY W.1230949952 Date: 2010.05.27 07:09:19 -0500</small>		CLASS 19	DIVISION 48	DRAWING 4116/ 95A	FILE 20PA1002
U.S. ARMY DEFENSE AMMUNITION CENTER								

PALLET UNIT DATA				
ITEMS INCLUDED		* HAZARD CLASS AND DIVISION	* COMPATI- BILITY GROUP	APPROX WEIGHT (LBS)
NSN	DODIC			
1345-				
00-402-2226	K139	-----I NERT-----		1, 826
00-710-6946	K143	1. 1	D	1, 826
00-926-3950	K145	1. 1	D	1, 394
01-526-6440	J007	1. 1	D	1, 490
01-555-7934	J008	1. 1	D	1, 490
1346-				
01-464-2606	WA97	1. 4	S	1, 202

*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 1981, CONSISTS OF:

UPDATING THE NATIONAL STOCK NUMBER IN "PALLET UNIT DATA" CHART.

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

1. DELETING ITEM BY NATIONAL STOCK NUMBER (NSN) FROM THE "PALLET UNIT DATA" CHART.
2. ADDING ITEM BY NATIONAL STOCK NUMBER (NSN) TO THE "PALLET UNIT DATA" CHART.
3. REDESIGNING FILLER ASSEMBLY.

REVISION NO. 3, DATED DECEMBER 1990, CONSISTS OF:

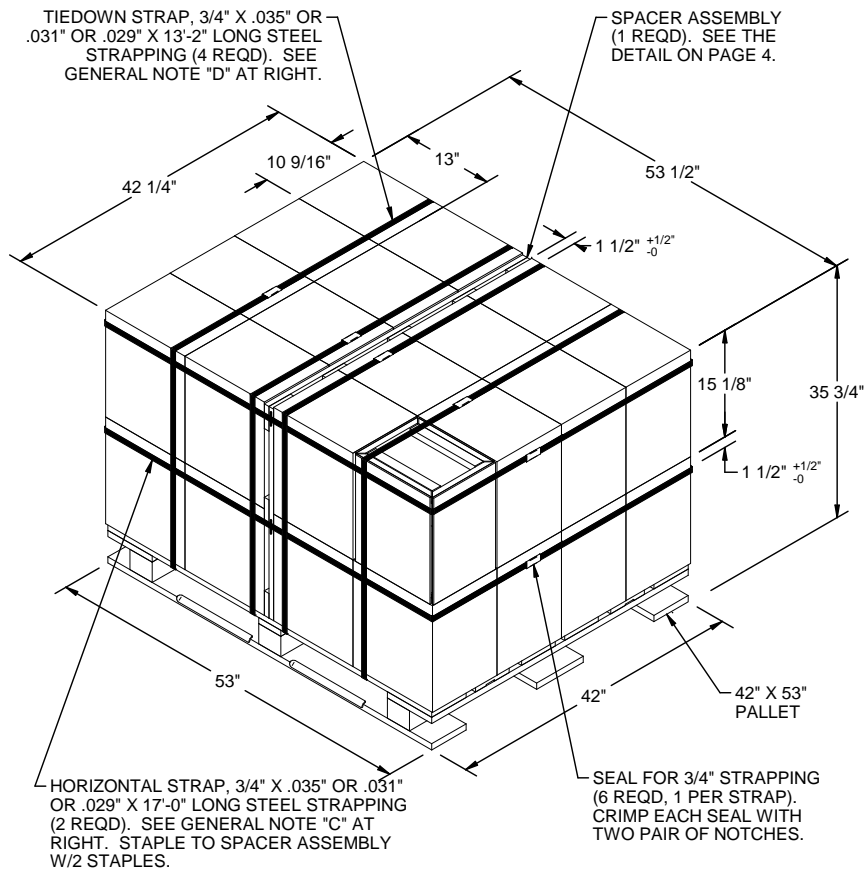
1. ADDING ADDITIONAL BOX SIZE.
2. UPDATING PALLET UNIT TO CONFORM TO 1 ABOVE.

REVISION NO. 4, DATED DECEMBER 2002, CONSISTS OF:

1. ADDING ITEM BY NATIONAL STOCK NUMBER (NSN) TO THE "PALLET UNIT DATA" CHART.
2. ADDING GENERAL NOTE REFERENCING BOX DRAWING AND DELETING STRAP CUTTER NOTE.

REVISION NO. 5, DATED JUNE 2010, CONSISTS OF:

1. ADDING ITEM BY NATIONAL STOCK NUMBER (NSN) TO THE "PALLET UNIT DATA" CHART.
2. CORRECTING CALLOUT REFERENCING QUANTITY OF HORIZONTAL STRAPS.
3. UPDATING PACKAGING WEIGHTS CONTAINED IN THE "PALLET UNIT DATA" CHART.



PALLET UNIT
SEE GENERAL NOTE "B" AT RIGHT.

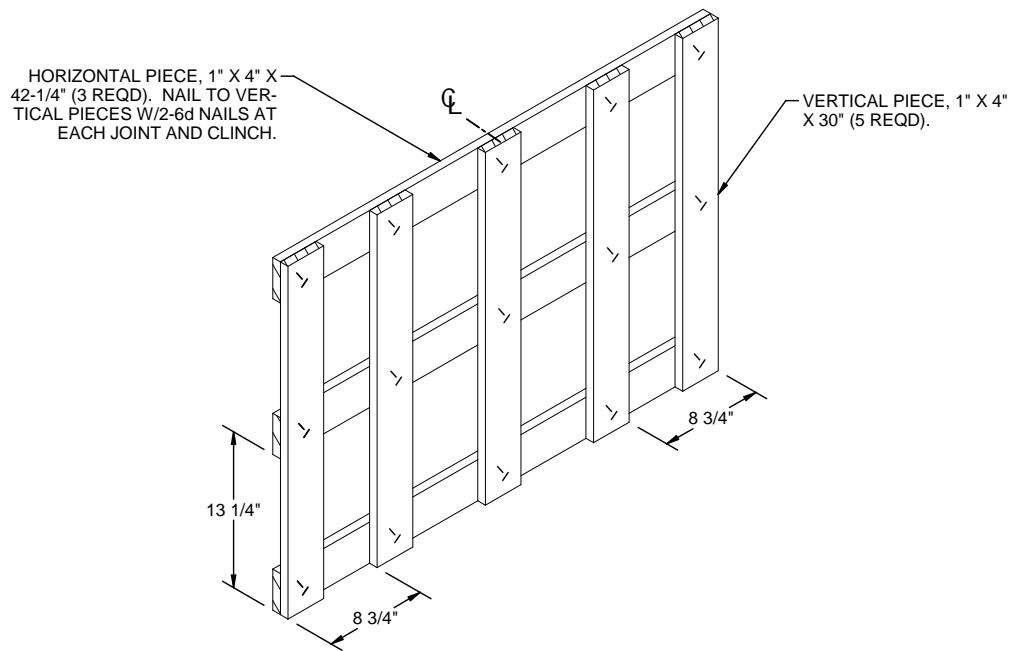
32 BOXES OF MINES (6 PER BOX) @ 53.5 LBS	1,712 LBS (APPROX)
DUNNAGE	24 LBS
PALLET	90 LBS
TOTAL WEIGHT	1,826 LBS (APPROX)
CUBE	46.8 CU FT (APPROX)

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	23.07	7.69
NAILS	NO. REQD	POUNDS
6d (2")	30	0.18
PALLET, 42" X 53"	1 REQD	90 LBS
STEEL STRAPPING, 3/4" -	-86.67' REQD	7.74 LBS
SEAL FOR 3/4" STRAPPING	4 REQD	NIL
STAPLE, 15/16" X 3/4"	4 REQD	NIL

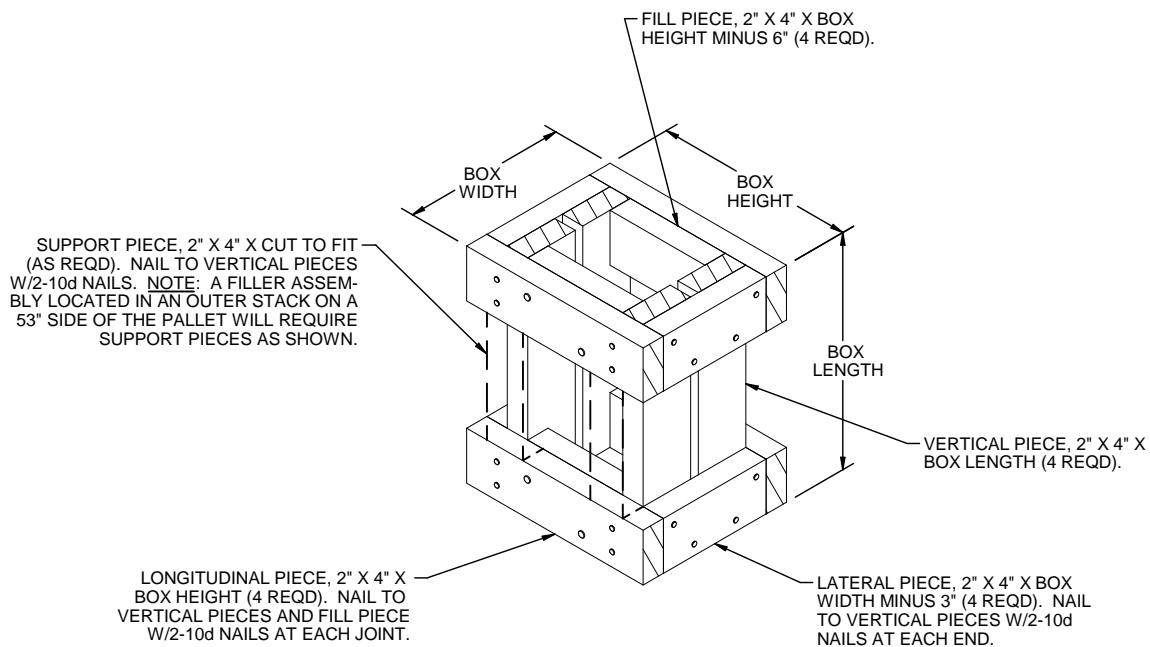
GENERAL NOTES

- 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.
- 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.
- INSTALL EACH HORIZONTAL STRAP TO ENCIRCLE A LAYER OF BOXES ON THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, NEAR THE TOP OF EACH LAYER. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO THE APPLICATION OF TIEDOWN STRAPS.
- INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS SHOWN, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE HORIZONTAL STRAPS HAVE BEEN TENSIONED AND SEALED.
- 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
- 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.
- THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING ANTIPERSONNEL MINES OR MODULAR CROWD CONTROL MUNITIONS 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.
- THE STYLE 1B 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.
- IF DIMENSIONAL VARIATION IN THE HEIGHT OF THE BOX PERMITS, THE SPACER ASSEMBLY DEPICTED IN THE UNIT AT LEFT MAY BE OMITTED, IF AND ONLY IF THE OMISSION OF THE SPACER ASSEMBLY WILL RESULT IN THE UNIT LOAD FILLING OUT THE PALLET.
- ALL DUNNAGE SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH GENERAL NOTE "AA" IN THE BASIC PROCEDURES.
- FOR DETAILS OF THE WIREBOUND BOX SEE ARDEC DRAWING 8800900.



SPACER ASSEMBLY



FILLER ASSEMBLY
(FOR MINUS ONE BOX)