

APPENDIX 113

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

SIMULATOR, BOOBY TRAP, FLASH OR ILLUMINATING, PACKED 150 PER WOODEN BOX OR WIRE-BOUND BOX, UNITIZED 27 WOODEN BOXES PER 42" X 53" PALLET (UNIT LOAD A) OR UNITIZED 27 WIRE-BOUND BOXES PER 42" X 53" PALLET (UNIT LOAD B); APPROX WOODEN BOX SIZE 18-1/2" L X 14-7/8" W X 12-3/8" H; APPROX WIREBOUND BOX SIZE 17-7/8" L X 14-1/8" W X 11-1/8" 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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DATED SEPTEMBER 1980.

U.S. ARMY MATERIEL COMMAND DRAWING

<p>APPROVED, U.S. ARMY FIELD SUPPORT COMMAND <i>T.P.R.</i> <i>David A. Pashonk</i> 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><i>David</i> AMSF5-ST</p>	<p>DO NOT SCALE</p>		<p>MARCH 1983</p>				
<p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p><i>J. P. White</i> U.S. ARMY DEFENSE AMMUNITION CENTER</p>	<p>ENGINEER OR TECHNICIAN</p>	<p>BASIC REV.</p>	<p>GEORGE FECKE PATRICK DOUGHERTY</p>	<p>REVISION NO. 2</p>	<p>JULY 2005</p>		
	<p>TRANSPORTATION ENGINEERING DIVISION</p>		<p><i>G. L. Willie</i></p>		<p>SEE THE REVISION LISTING ON PAGE 2</p>		
	<p>VALIDATION ENGINEERING DIVISION</p>		<p>TESTED</p>	CLASS	DIVISION	DRAWING	FILE
	<p>ENGINEERING DIRECTORATE</p>			19	48	4116/ 113	20PA1002

PALLET UNIT DATA					
ITEMS INCLUDED		*HAZARD CLASS AND DIVISION	*COMPATIBILITY GROUP	APPROX WEIGHT (LBS)	
NSN	DODIC			UNIT A	UNIT B
1370-00-028-5256	L598	1.3	G	1,367	1,205
00-028-5257	L599	1.3	G	1,367	1,205

*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:

1. ADDING PROCEDURES FOR WIREBOUND BOXES.
2. UPDATING DRAWING TO CONFORM WITH NO. 1 ABOVE.
3. ADDING SUPERSESSION NOTE.

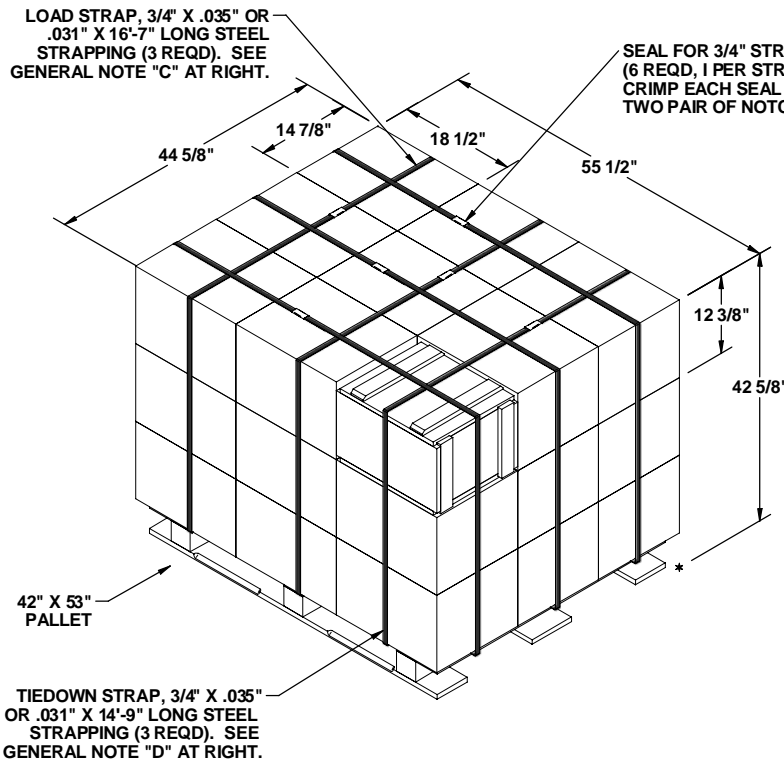
REVISION NO. 2, DATED JULY 2005, CONSISTS OF:

1. DELETING NOTES FOR STRAP CUTTER.
2. UPDATING DRAWING FORMAT AND 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 MAY BE THREADED THROUGH THE STRAP SLOTS OF A PALLET OR PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING THE BOXES ON THE PALLET. LOAD STRAPS WILL BE APPLIED BUT NOT TENSIONED UNTIL THE TIEDOWN STRAPS HAVE BEEN TENSIONED AND SEALED.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL BE TENSIONED AND SEALED PRIOR TO LOAD STRAPS.
- 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 APPENDIX.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING SIMULATORS 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 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.
- J. FOR DETAILS OF THE MIL-B-2427 WOODEN BOX SHOWN ABOVE AND THE MIL-B-46506 WIREBOUND BOX SHOWN ON PAGE 4, SEE ARDEC DRAWING 8799712.

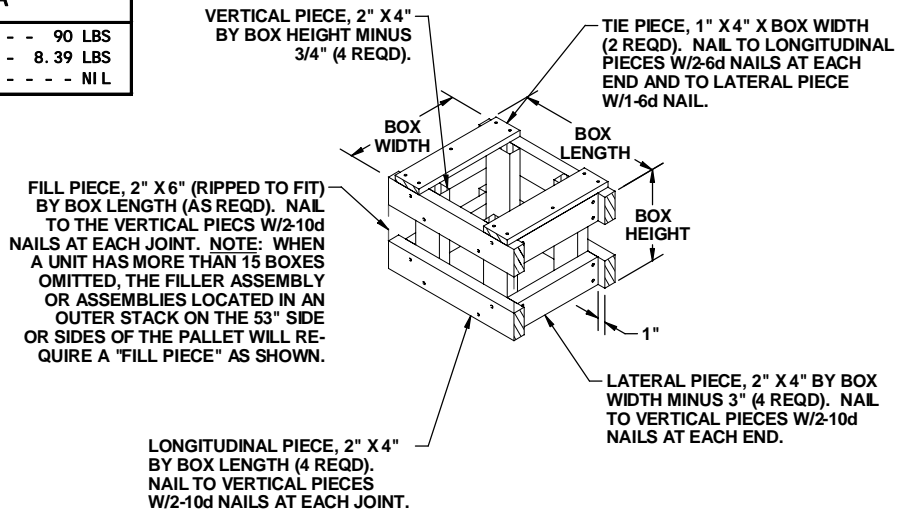


PALLET UNIT A
SEE GENERAL NOTE "B" AT RIGHT.

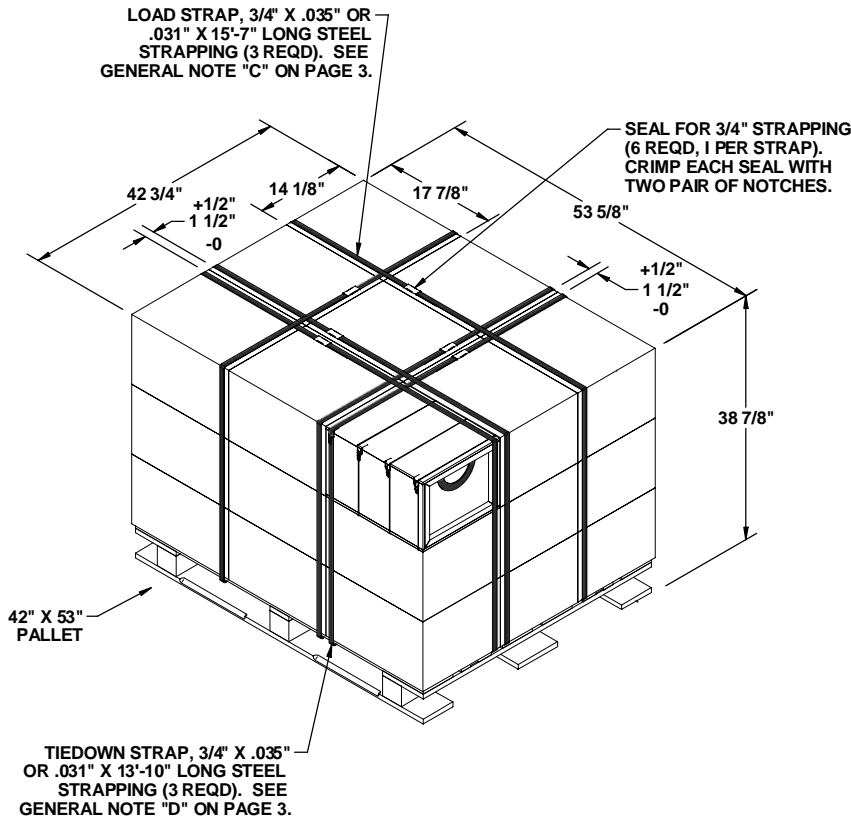
27 BOXES OF SIMULATORS (150 PER BOX) @ 47 LBS	- - - - -	1,269 LBS
DUNNAGE	- - - - -	8 LBS
PALLET	- - - - -	90 LBS

TOTAL WEIGHT	- - - - -	1,367 LBS (APPROX)
CUBE	- - - - -	61.1 CU FT (APPROX)

BILL OF MATERIAL UNIT A		
PALLET, 42" X 53"	- - - - -	1 REQD - - - - - 90 LBS
STEEL STRAPPING, 3/4"	- - - - -	94.00' REQD - - - - - 8.39 LBS
SEAL FOR 3/4" STRAPPING	- - - - -	6 REQD - - - - - NIL



FILLER ASSEMBLY A
FOR MINUS ONE BOX



PALLET UNIT B
SEE GENERAL NOTE "B" ON PAGE 3.

27 BOXES OF SIMULATORS (150 PER BOX) @ 41 LBS	-----	1,107 LBS
DUNNAGE	-----	8 LBS
PALLET	-----	90 LBS

TOTAL WEIGHT	-----	1,205 LBS (APPROX)
CUBE	-----	51.6 CU FT (APPROX)

BILL OF MATERIAL UNIT B

PALLET, 42" X 53"	-----	1 REQD	-----	90 LBS
STEEL STRAPPING, 3/4"	-----	88.25' REQD	-----	7.88 LBS
SEAL FOR 3/4" STRAPPING	-----	6 REQD	-----	NIL

