

APPENDIX 171A

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

DETECTOR UNIT, CHEMICAL AGENT, AUTOMATIC,
ALARM, M43A1, PACKED 1 PER PPP-B-621 WOODEN
BOX OR PPP-B-601 WOODEN BOX, UNITIZED 48
BOXES PER 40" X 48" PALLET (UNIT LOAD A),
OR UNITIZED 48 BOXES PER 40 X 48" PALLET
(UNIT LOAD B); APPROX PPP-B-621 BOX SIZE
13-1/4" L X 10-1/2" W X 14-1/2" H; APPROX
PPP-B-601 BOX SIZE 12-1/2" L X 11-1/4" W
X 13-3/4" 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;
DISTRIBUTION IS UNLIMITED.

U. S. ARMY MATERIEL COMMAND DRAWING.				
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U. S. ARMY DEFENSE AMMUNITION CENTER	APRIL 1985			
	CLASS	DIVISION	DRAWING	FILE
REVISION NO. 1	DECEMBER 1998			
SEE THE REVISION LISTING ON PAGE 2	19	48	4116/ 171A	20PA 1002

DO NOT SCALE

PALLET UNIT DATA					
ITEMS INCLUDED		HAZARD CLASS AND DIVISION ●		APPROX WEIGHT LBS	
NSN	DODIC	OD CLASS	COMP GROUP	UNIT A	UNIT B
				6665-01-081-8140	----
01-120-0610	----	INERT	570	571	

- 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).

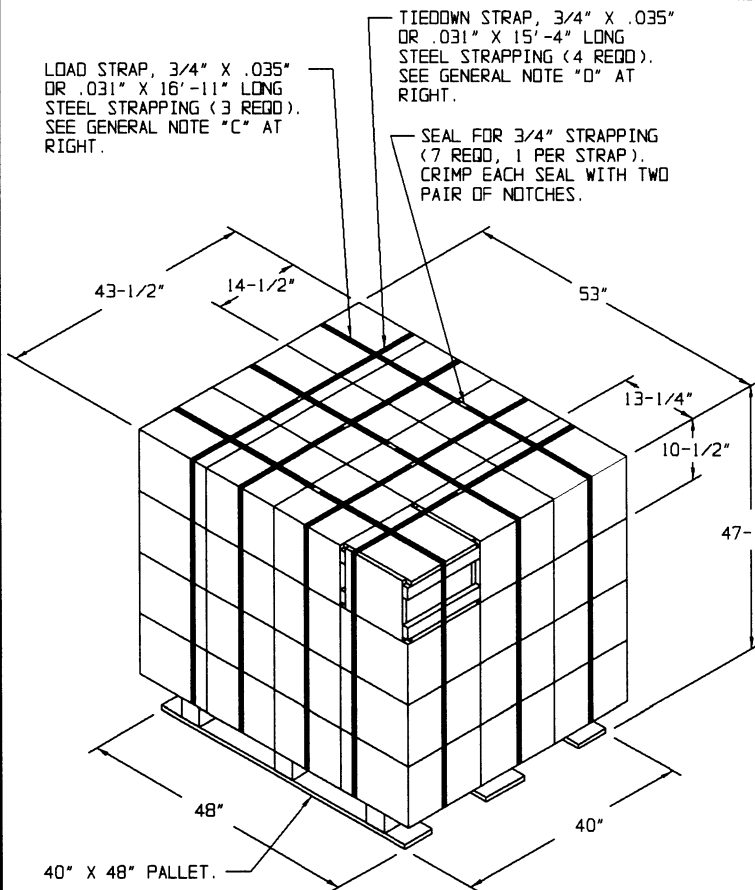
REVISION

REVISION NO. 1, DATED DECEMBER 1998, CONSISTS OF:

1. CHANGING THE BOX SIZES.
2. CHANGING THE QUANTITY PER PACK.
3. DELETING GENERAL NOTE RELATING TO STRAP CUTTER AND RE-LETTERING OTHER 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 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 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 CHEMICAL AGENT DETECTOR UNITS 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 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.



PALLET UNIT A

SEE GENERAL NOTE "B" AT RIGHT.

48 BOXES OF CHEMICAL AGENT DETECTOR (1 PER BOX) AT 10 LBS	---	480 LBS (APPROX)
TOWNAGE	-----	10 LBS
PALLET	-----	80 LBS
<hr/>		
TOTAL WEIGHT	-----	570 LBS (APPROX)
CUBE	-----	63.4 CU FT (APPROX)

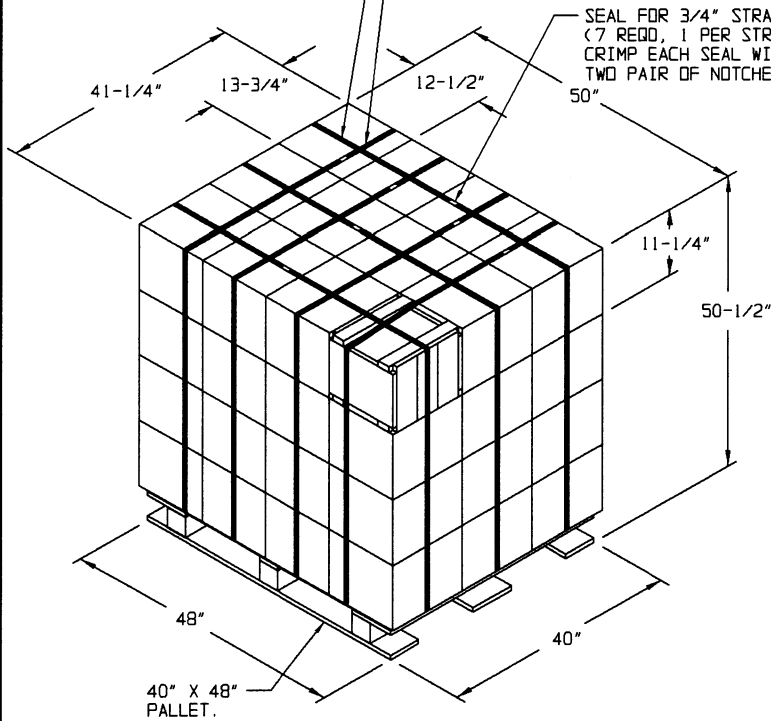
BILL OF MATERIAL

PALLET, 40" X 48"	-----	1 REQD	-----	80 LBS	
STEEL STRAPPING, 3/4"	-----	112.08'	REQD	-----	10 LBS
SEAL FOR 3/4" STRAPPING	-----	7 REQD	-----	NIL	

GENERAL NOTES

LOAD STRAP, 3/4" X .035" DR .031" X 16'-11" LONG STEEL STRAPPING (3 RECD). SEE GENERAL NOTE "C" AT RIGHT.

TIEDOWN STRAP, 3/4" X .035" DR .031" X 15'-6" LONG STEEL STRAPPING (4 RECD). SEE GENERAL NOTE "D" AT RIGHT.



PALLET UNIT B

SEE GENERAL NOTE "B" AT RIGHT.

48 BOXES OF CHEMICAL AGENT DETECTOR (1 PER BOX) AT 10 LBS	480 LBS (APPROX)
DUNNAGE	11 LBS
PALLET	80 LBS

TOTAL WEIGHT	571 LBS (APPROX)
CUBE	60.3 CU FT (APPROX)

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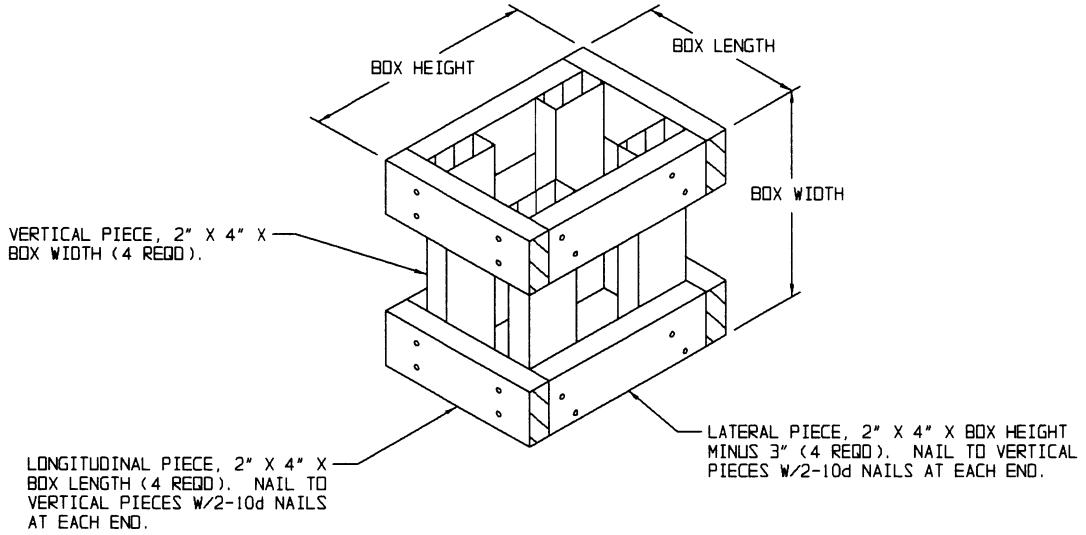
CARLOADING	19-48-4115-5PA1002
TRUCKLOADING	19-48-4117-11PA1003
STORAGE	19-48-4118-1-2-3-4-14-22PA1002
END OPENING ISD	
CONTAINER	19-48-4153-15PA1002
MILVAN	19-48-4166-15PA1003
SIDE OPENING ISD	
CONTAINER	19-48-4267-15PA1009

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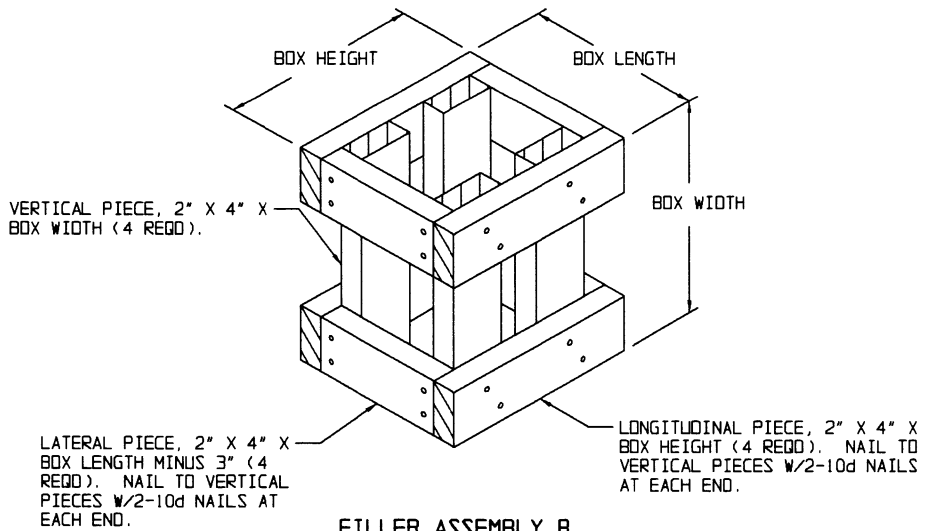
BILL OF MATERIAL

PALLET, 40" X 48"	1 RECD	80 LBS
STEEL STRAPPING, 3/4"	112.58' RECD	10.05 LBS
SEAL FOR 3/4" STRAPPING	7 RECD	NIL



FILLER ASSEMBLY A

(FOR MINUS ONE BOX IN PALLET UNIT A)



FILLER ASSEMBLY B

(FOR MINUS ONE BOX IN PALLET UNIT B)

