

APPENDIX 8

UNITIZATION PROCEDURES FOR COMPLETE ROUNDS PACKED IN CYLINDRICAL METAL CONTAINERS ON 4-WAY ENTRY PALLETS*

PAI17 SERIES CONTAINER

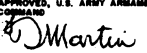

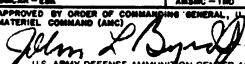
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PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION ¹				WEIGHT (LBS)
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1315-01-245-4019	C524	B	II-B	(08) 1.2	C	1,883

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4079-20PM1002.

¹ 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).

* SEE GENERAL NOTE "H" ON PAGE 2.

REVISIONS		DRAFTSMAN J.E.O. / dh	PROJ ENG LAF/WRF	NIP R-1
1	DEC 87	WRF WSE	S.E.G.	LAF/WRF LOG ENGS OFFICE ZFB/ru
		APPROVED, U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND		
		 		
		APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND (AMC)		
		 U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL		
		U.S. ARMY AMC DRAWING		
		SEPTEMBER 1986		
		CLASS	DIVISION	DRAWING
		19	48	4079/ 8
				FILE 20PM 1002

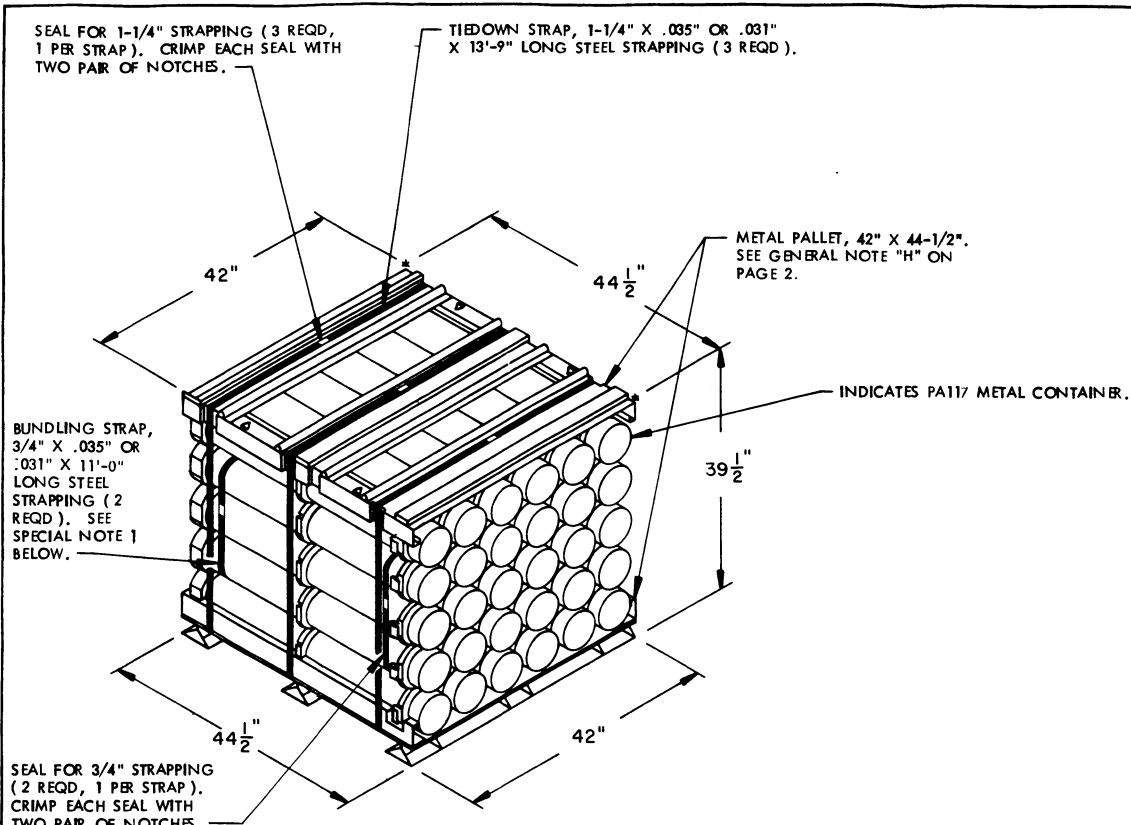
DO NOT SCALE

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZING PROCEDURES DRAWING 19-48-4079-20PM1002. 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 CONTAINER, WEIGHT OF THE SPECIFIED ITEM AND METHOD OF UNITIZATION.
- C. FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX, CONTACT THE U.S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL, ATTN: SMCAC-DEO, SAVANNA, IL 61074-9639 FOR SPECIFIC PROCEDURAL GUIDANCE.
- D. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P1000.
- E. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE CONTAINERS NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- F. FOR DETAILS OF THE METAL AMMUNITION CONTAINER, SEE U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT COMMAND DRAWING NO. 9378166.
- CONTAINER DIMENSIONS ---- 44-1/2" LONG X 6-7/8" WIDE X 6-7/8" HIGH.
CONTAINER CUBE----- 1.2 CUBIC FEET (APPROX) .
CONTAINER WEIGHT
(WITH ROUND) ----- 57 POUNDS (APPROX).
- G. THE UNITIZATION PROCEDURES SPECIFIED HEREIN MAY ALSO BE USED FOR UNITIZING COMPLETE ROUNDS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN THOSE SHOWN ON THE COVER PAGE, PROVIDED THE ITEM IS PACKED IN THE SAME CONTAINER. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN THOSE SHOWN.
- H. FOR DETAILS OF THE METAL PALLET, SEE MILITARY SPECIFICATION MIL-P-48663.
- J. EMPTY OR REJECT PA117 CONTAINERS WILL BE USED AS FILLER CONTAINERS AS NECESSARY. FILLER CONTAINERS MUST BE INSTALLED IN THE MIDDLE OF THE TOP LAYER (S) OF CONTAINERS. IF SIX FULL CONTAINERS ARE TO BE OMITTED, ONE FULL LAYER OF CONTAINERS WILL BE OMITTED. WHEN (EMPTY) FILLER CONTAINERS ARE USED IN PLACE OF OMITTED CONTAINERS TO COMPLETE A LAYER ON A PALLET, THEY WILL BE MARKED AS SPECIFIED WITHIN MIL-STD-129.

REVISION

REVISION NO. 1. DATED DECEMBER 1987, CONSISTS OF:
ADDING ITEM BY NATIONAL STOCK NUMBER TO THE
"PALLET UNIT DATA" CHART.



ISOMETRIC VIEW

SEE GENERAL NOTE "B" ON PAGE 2.

UNIT DATA:

CUBE	-----	42.7 CUBIC FEET (APPROX)	
CONTAINER	-----	30 EA @ 57 LBS	1,710 LBS (APPROX)
DUNNAGE	-----		8 LBS
PALLET	-----		165 LBS
TOTAL WEIGHT		-----	1,883 LBS (APPROX)

BILL OF MATERIAL

METAL PALLET, 42" X 44-1/2"	-----	1 REQD	-----	165 LBS
STEEL STRAPPING, 3/4"	-----	22.00' REQD	-----	1.57 LBS
STEEL STRAPPING, 1-1/4"	-----	41.25' REQD	-----	5.89 LBS
SEAL FOR 3/4" STRAPPING	-----	2 REQD	-----	NIL
SEAL FOR 1-1/4" STRAPPING	-----	3 REQD	-----	NIL

SPECIAL NOTES:

1. BUNDLING STRAPS MUST BE TENSIONED AND SEALED PRIOR TO THE APPLICATION OF THE TIEDOWN STRAPS. BUNDLING STRAPS MUST BE INSTALLED AS CLOSE TO THE OUTER CONTAINER RINGS AS POSSIBLE, TO AVOID POSSIBLE DAMAGE TO CONTAINERS.
2. THE CONTAINERS DEPICTED IN THE UNIT LOAD ABOVE ARE CONSTRUCTED WITH BOTH LATERAL AND VERTICAL INTERLOCKS. TO FUNCTION PROPERLY, THE VERTICAL INTERLOCKS (PINS) MUST BE POSITIONED DOWNWARD TO ENGAGE THE PALLET BASE OR A LOWER CONTAINER. FOR THE LATERAL INTERLOCKS TO FUNCTION PROPERLY, THE LATERAL INTERLOCKING DEVICES ON THE RINGS OF A CONTAINER MUST BE ENGAGED WITH THE LATERAL INTERLOCKING DEVICES ON THE RINGS OF AN ADJACENT CONTAINER. LATERAL INTERLOCK ENGAGEMENT IS ACCOMPLISHED WHEN CONTAINERS ARE LOWERED ONTO THE PALLET UNIT. THE INTERLOCKS WILL AID IN THE PREVENTION OF CONTAINER MOVEMENT, BOTH LATERAL AND LONGITUDINAL, DURING SHIFMENT OF THE UNIT LOAD.

