APPENDIX 7B

UNITIZATION PROCEDURES FOR BOXED WHITE PHOSPHORUS (WP) AND PLASTICIZED WHITE PHOSPHORUS (PWP) LOADED AMMUNITION ON 4-WAY ENTRY PALLETS

CARTRIDGE, 120MM, MORTAR, WP, PACKED TWO PER PA154 METAL BOX, UNITIZED 24 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 12-3/8" L X 6-3/8" W X 31-13/16" H

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4015-20PA1004.

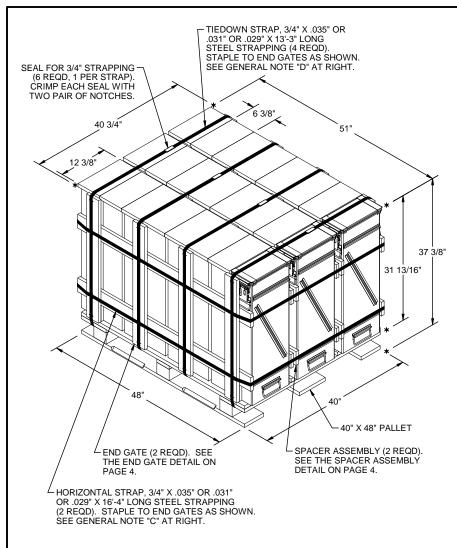
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PALLET UNIT DATA							
ITEMS INCLUDED		*HAZARD	*COMPATI-	APPROX			
NSN	DODIC	CLASS AND DIVISION	BILITY GROUP	WEIGHT (LBS)			
1315- 01-343-1940 01-417-8440 01-629-8706 01-518-2436	C624 CA03 CA03 CA35	1. 2. 2 1. 2. 2 1. 2. 2 1. 2. 2	I I I I	2, 479 2, 479 2, 479 2, 479			

^{*}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).



PALLET UNIT SEE GENERAL NOTE "B" AT RIGHT.

DUNNAGE	MMM MORTAR CTG (2 P	 71 LE	BS ` ´
	TOTAL WELCHT	2 470 1	0C (ADDDOV)

TOTAL WEIGHT - - - - - - - - 2,479 LBS (APPROX)

CUBE - - - - - - - - - - - 45.0 CU FT (APPROX)

BILL OF MATERIAL						
LUMBER	LINEAR FEET	BOARD FEET				
1" X 4"	94.00	31.00				
NAI LS	NO. REQD	POUNDS				
6d (2")	152	1				
PALLET, 40" X 48" 1 REQD 80 LBS STEEL STRAPPING, 3/4" - 85.70' REQD 7.60 LBS SEAL FOR 3/4" STRAPPING 6 REQD NIL STAPLE, 15/16" X 3/4" 24 REQD NIL						

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4015-20PA1004. 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 AFTER THE APPLICATION OF TIEDOWN STRAPS
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE DECK/STRINGER BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN.
- E. THE FOLLOWING AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADI NG - - - - 19-48-4115-5PA1002
TRUCKLOADI NG - - 19-48-4117-11PA1003
STORAGE - - - 19-48-4118-1-2-3-4-1422PA1002
END OPENI NG I SO
CONTAI NER - - - 19-48-4153-15PA1002
MI LVAN - - - - 19-48-4166-15PA1003
SI DE OPENI NG I SO
CONTAI NER - - - 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 120MM MORTAR CARTRIDGES 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
- H. THE STYLE 1 PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-DTL-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- J. BOXES MUST ALL BE ORIENTED IN THE SAME DIRECTION ON THE PALLET TO ALLOW THE INTERLOCKING DEVICES TO PROPERLY ENGAGE.
- K. ALL WOODEN DUNNAGE SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH GENERAL NOTE "BB" IN THE BASIC PROCEDURES, AND HEAT TREATED IN ACCORDANCE WITH GENERAL NOTE "KK" IN THE BASIC PROCEDURES.
- L. IF THERE IS NEED FOR FILLER ASSEMBLIES AND AT LEAST TWO PALLET UNITS ARE BEING CONSTRUCTED, NOT MORE THAN 20 FILLERS WILL BE INSTALLED IN ANY ONE PALLET UNIT. ADDITIONAL FILLERS CAN BE PUT IN A SECOND PALLET UNIT AS REQUIRED WHEN THE QUANTITY OF 20 FILLERS IN THE FIRST REDUCED PALLET UNIT IS INSUFFICIENT TO SATISFY THE TOTAL REDUCTION NEEDED. USING TWO PALLET UNITS TO SATISFY THE PALLETIZATION CRITERIA APPLICABLE TO LESS-THAN-FULL PALLET UNITS IS AN EXCEPTION TO THE BASIC PROCEDURES. HOWEVER, THE EXCEPTION IS NECESSARY FOR THE AMMUNITION PACK COVERED BY THIS APPENDIX TO MOST EFFECTIVELY GET AN ACCEPTABLE, COMPACT AND SOUND PALLET UNIT.
- M. DIMENSIONS GIVEN FOR DUNNAGE PIECES ARE AP-PROXIMATE AND MUST BE VERIFIED IN ACCORDANCE WITH GENERAL NOTE "AA" IN THE BASIC PROCEDURES. THESE ASSEMBLIES MUST NOT PROTRUDE PAST THE TOPS AND/OR SIDES OF THE PA154 BOXES. THEY MAY BE SHORTER, PROVIDED THE TIEDOWN STRAPS ARE PREVENTED FROM DAMAGING THE EDGES OF THE BOX-ES. THE HORIZONTAL PIECE MUST FIT AGAINST THE HANDLE OR LATCH ASSEMBLY.
- N. FOR DETAILS OF THE PA154 BOX SEE ARDEC DRAWING 12577569.

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