APPENDIX 45P

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

CARTRIDGE, IO5MM, PACKED 2 PER WIREBOUND BOX, UNITIZED I8 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 46% L X 13% W X 7% H

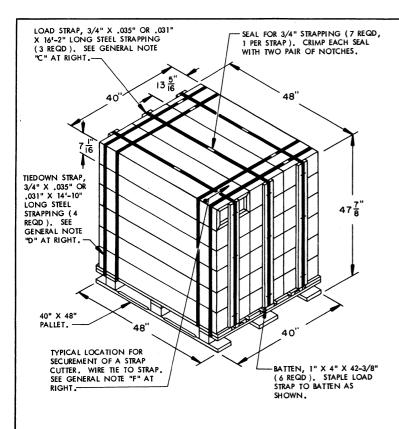
PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION®				WEIGHT
NSN	DOD IC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1315- 01-030-6838	C521	В	II-B	(08)1.2	С	2, 334

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002.

• 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).

REVISIONS		88	WE WE	-hew	
		RSH5/	611:		
H + K		COMMAND TO MANY ADMINISTRATIONS AND CHEMICAL POSSECULATION BOSING - LEP TO MANY ADMINISTRATION AND CHEMICAL TO M			
		MATERIEL O	EVELOPMENT AM	MEADINESS COM	U. S. ARRY AND ISANOSUS
		4	A. AMEN SEPE		INTER AND SCHOOL
		U. S. ARMY DARCOM DRAWING			
		NOVEMBER 1983			
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		19	48	4116/	20PA
			0	45P	1002

DO NOT SCALE



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

18 BOXES OF 105MM CARTRIDGES (2 PER BOX) @ 124 LBS	22	LBS (APPROX) LBS LBS
TOTAL WEIGHTCUBE		

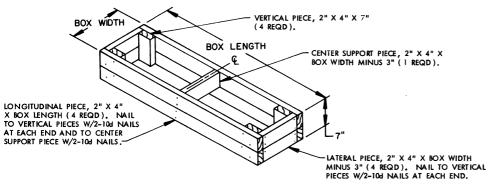
BILL OF MATERIAL					
LUMBER	LINEAR FEET	BOARD FEET			
1" X 4"	21.19	7.06			
PALLET, 40" X 48" STEEL STRAPPING, 3/4	80 LBS				
SEAL FOR 3/4" STRAPP	NIL				
STAPLE	18 REQD	NIL			

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CON-JUNCTION 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 WILL BE 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/STRINGER BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TEN-SIONED AND SEALED.
- E. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADING ------ DRAWING 19-48-4115-5PA1002
TRUCKLOADING ----- DRAWING 19-48-4117-11PA1003
STORAGE ------- DRAWING 19-48-4118-1-2-3-4-14-22PA1002

- F. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P1000.
- G. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING 105MM CARTRIDGES WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON THE TITLE PAGE, PROVIDED THE BOX PACK DOES NOT VARY FROM WHAT IS DELINIBATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- J. WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, ONE LAYER OF BOXES MUST BE OMITTED, TIEDOWN STRAP LENGTHS MUST BE DECREASED TO 13'-8", AND LOAD STRAP LENGTHS MUST BE DECREASED TO 15'-0". THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 40-3/4", A GROSS UNIT WEIGHT OF 1,959 POUNDS, AND A UNIT CUBE OF 45.3 CU FT. ADDITIONALLY, THE UNIT LOAD MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED BY MILVAN OR COMMERCIAL INTERMODAL FREIGHT CONTAINER, CONVENTIONAL VAN TRAILER OR CONVENTIONAL OR HIGH-CAPACITY BOXCAR. THE DETERMINATION TO REDUCE THE LOAD BY A LAYER FOR TRANSPORTATION WILL BE MADE BY THE RESPONSIBLE COMMAND AND WILL BE BASED UPON ECONOMICS OF TRANSPORTATION AND HANDLING.



FILLER ASSEMBLY

(FOR MINUS ONE BOX)