APPENDIX 27C

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

CARTRIDGE, 57MM, PACKED 6 PER WOODEN BOX, UNITIZED 40 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 23" L X $10\frac{1}{2}$ " W X $8\frac{1}{4}$ " H

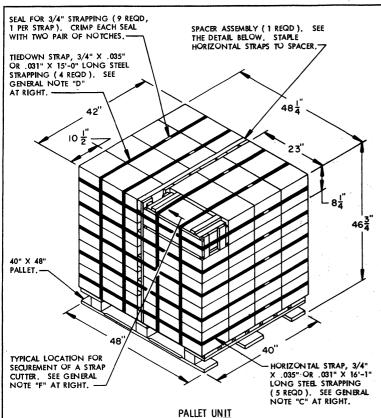
		PALLE	T UNIT D	ATA		
ITEMS IN	CLUDED	Н	AZARD CI	ASSIFICA	TION	WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1310- 00-028-4583 00-028-4588	B587 B587	A A	IV IV	(08)1,2 (08)1,2	E E	2, 085 2, 325

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(S).

DO NOT SCALE

REVI	SIONS		nak yx		
		COMMAND	interven	AMENT, MUNITIONS	_
		APPROVED B MATERIEL O	TO ORDER OF CO	DRIME-THE	U. S. ARMY MD (DARCOM)
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			OCTOB	ER 1983	
		CLASS	DIVISION	DRAWING	FILE
		19	48	4116/27C	20PA 1002

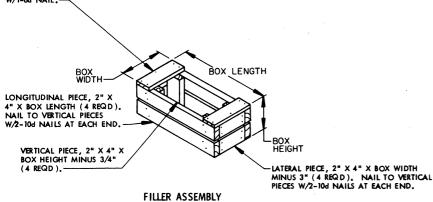


SEE GENERAL NOTE "B" AT RIGHT.

40 BOXES OF 57 MM CARTRIDGE (6 PER BOX) @ 51 LBS2	,040	LBS	(APPROX)
DUNNAGE	45	LBS	
PALLET	80	LBS	
TOTAL WEIGHT2			
CUBE	54.8	CU	FT (APPROX

LUMBER	LINEAR FEET	BOARD FEET	
1" × 4"	16.88	5.63	
2" X 4"	17.50	11.67	
NAILS	NO, REQD	POUNDS	
6d (2")	50	.29	

TIE PIECE, 1" X 4" X BOX WIDTH (2 REQD).
NAIL TO LONGITUDINAL PIECES W/2-64 NAILS
AT EACH END AND NAIL TO LATERAL PIECE
W/1-64 NAIL.—

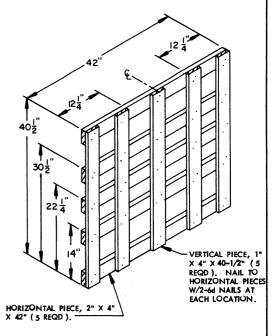


(FOR MINUS ONE BOX)

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA 1002. TO PRODUCE AN APPROVED UNIT LOAD, ALL PRETINENT 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 ENCIRCLE A LAYER OF BOXES ON THE PALLET. HORIZONTAL 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 HORIZONTAL STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

- 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 57MM CARRIDGES 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 DELINEATED 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 LENGTIS MUST BE DECREASED TO 13:", "ONE HORIZOUTAL STRAP MUST BE OMITTED, AND THE SPACER ASSEMBLY MUST BE MODIFIED. SPACER ASSEMBLY MODIFICATIONS INCLUDE CHANGING VERTICAL PIECE LENGTH TO 32-1/2", ELIMINATING THE HORIZONTAL PIECE LOCATED AT THE 40-1/2" HEIGHT DIMENSION, AND LOCATING THE UPPER HORIZONTAL PIECES EVEN WITH THE TOP OF THE VERTICAL PIECES. THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 38-1/2", A GROSS UNIT WEIGHT OF 1,74P POUNDS, AND A UNIT CUBE OF 45.2 CUBIC FEET. 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.



SPACER ASSEMBLY
(ONE REQD)