APPENDIX 161

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

PLUNGER, DELAY, PACKED 300 PER WOODEN BOX, UNITIZED 48 BOXES PER 35" X $45\frac{1}{2}$ " PALLET; APPROX BOX SIZE $18\frac{1}{2}$ " L X $7\frac{7}{8}$ " W X $8\frac{5}{8}$ " H

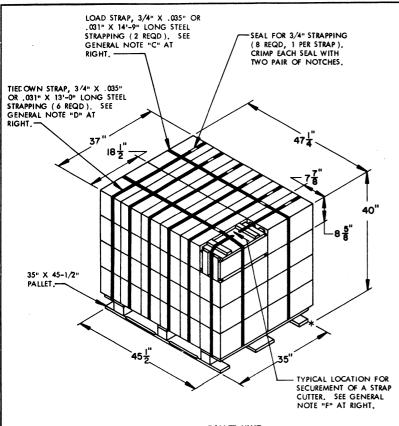
PALLET UNIT DATA						
ITEMS IN	CLUDED	HAZARD CLASSIFICATION €			WEIGHT	
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1390- 00-069-3072	_					2, 857

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 SPECIFIC DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

REVISIONS		CHECKER	Mich Mich	HE HUIT		
				U. S. ARMY ARM	MENT, MUNITION	
			APPROVED B	ORDER OF CONEVELOPMENT AN	DRSMG — THE	U. S. ARMY AND (DARCOM)
			U. S. ARMY DARCOM DRAWING			
	/	NOVEMBER		IBER IS	83	
	/ [CLASS	DIVISION	DRAWING	FILE
			19	48	4116/161	20PA 1002

DO NOT SCALE



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

48 BOXES OF PLUNGER, DELAY (300 PER BOX) @ 58 LBS DUNNAGE	8	LBS LBS LBS	(APPROX)
TOTAL WEIGHT			

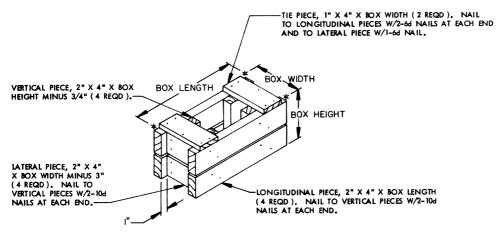
BILL OF MATERIAL					
PALLET, 35" X 45-1/2" 1 REG	D 65 LBS				
STEEL STRAPPING, 3/4" 197.50' REG	D 7.68 LBS				
SEAT FOR 3/4" STRAPPING 8 REG					

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 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 DECK/STRINGER BOARDS OF THE PALLET AND TO BE LOCATED BETWEEN THE VERTICAL END CLEATS OF THE BOXES. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUT-LOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADING	DRAWING	19-48-4115-5PA 1002
TRUCKLOADING	DRAWING	19-48-4117-11PA 1003
STORAGE	DRAWING	19-48-4118-1-2- 3-4-14- ·
	22PA 1002	

- F. FOR METHOD OF SECURING A STRAP CUITER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4 127-20 P1000.
- 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 PLUNGERS 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 LENGTHS MUST BE DECREASED TO 11'-7' AND LOAD STRAP LENGTHS MUST BE DECREASED TO 13'-4". THIS WIL RESULT IN AN OVERALL UNIT HEIGHT OF 31-3/8", A GROSS UNIT WEIGHT OF 2,161 POUNDS, AND A UNIT CUBE OF 31.7 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.



FILLER ASSEMBLY

(FOR MINUS ONE BOX)