APPENDIX 43B

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

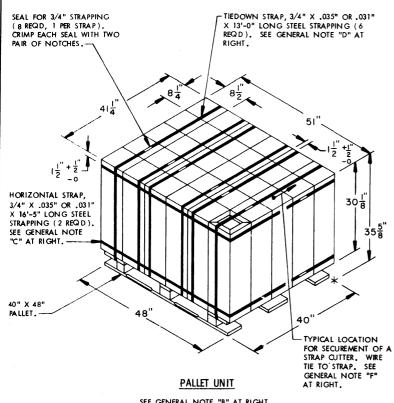
CARTRIDGE, 81 MM, ILLUMINATING, PACKED 4 PER WIREBOUND BOX, UNITIZED 30 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE $30\frac{1}{8}$ " L X $8\frac{1}{2}$ " W X $8\frac{1}{4}$ " H

		PALLET	UNIT DA	ATA		
ITEMS INCLUDED HAZAR			ZARD CLA	ARD CLASSIFICATION		
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1315- 00-926-3 92 7	C251	٨	īv	(08) 1.2	G	1, 618

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

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		APPROVED BY ORDER OF COMMANDONS GENERAL, U.S. ARBY MATERIEL DEVELOPMENT AND READINESS COMMAND (BARCOM)			
		U.S. AMEY DEPENDE AMENUTION CENTED AND			
		U. S.	ARMY D	ARCOM I	DRAWING
		JUNE 1980			
		CLASS	DIVISION	DRAWING	FILE
		19	48	4116/43B	20PA 1002

DO NOT SCALE

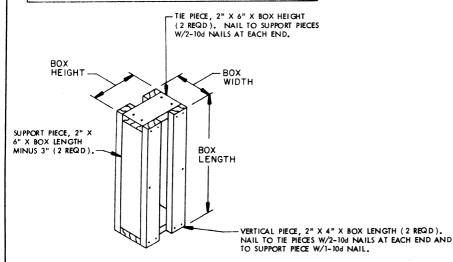


SEE GENERAL NOTE "B" AT RIGHT.

30 BOXES OF 81MM CARTRIDGE (4 PER WIREBOUND BOX) @ 51 LBS	1,530 LBS (APPROX)			
DUNNAGE	8 LBS			
PALLET	80 LBS			

TOTAL WEIGHT	 1,618	LBS	(APPROX)
CUBE	 43.4	CU	FT (APPROX

BILL OF MATERIAL PALLET, 40" X 48" ---1 RECLD STEEL STRAPPING, 3/4" ------ 110.83' REQ D SEAL FOR 3/4" STRAPPING ----- 8 REQ D ----- 7.92 LBS 8 REQ D -----



FILLER ASSEMBLY (FOR MINUS ONE BOX) (SEE GENERAL NOTE "J" ABOVE)

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CON-JUNCTION 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. INSTALL THE HORIZONTAL STRAPS TO ENCIRCLE THE BOXES ON THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS DIMENSIONED, NEAR THE TOP AND BOTTOM OF THE BOXES. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE DECK/STRINGER BOARDS OF THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS DIMENSIONED, NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. 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.

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

- 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 8 MM 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 DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- IF THERE IS A NEED TO USE FILLER ASSEMBLIES AND AT LEAST TWO PALLET UNITS ARE BEING CONSTRUCTED, NOT MORE THAN 18 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 18 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 ROCEDURES. HOWEVER, THE EXCEPTION IS NECESSARY FOR THE AMMUNITION PACK COVERED BY THIS APPENDIX, TO MOST EFFECTIVELY GET AN ACCEPTABLE, COMPACT AND SOUND PALLET UNIT.