## APPENDIX IO

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

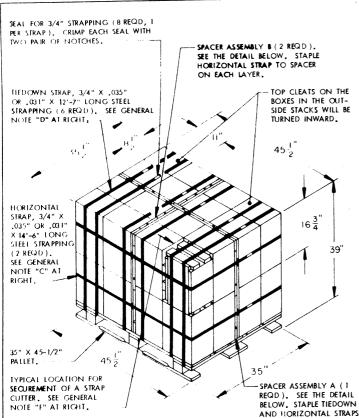
CARTRIDGE, 9MM, PACKED 3,840 PER WOODEN BOX, UNITIZED 32 BOXES PER  $35" \times 45\frac{1}{2}"$  PALLET; APPROX BOX SIZE  $16\frac{3}{4}" \times 8\frac{1}{2}" \times X$  II" H

		PALLE	T UNIT DA	\TA		
ITEMS INC	LUDED	HAZARD CLASSIFICATION			WEIGHT	
NSN	DODIC	DOT CLASS	CG CLASS	OD CLASS	COMP GROUP	(LBS)
1305-00- 308-5810	A360	С	I	1.4	S	3, 779

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

RE	EVIS	IONS	DRAFTSMAN	-127 9	1 Frew	
	$\overline{A}$		GRG /	1871	Z3,1	
	/		APPROVED.			READINESS COMMAND
	$\overline{A}$		22	Bento	nland	12 Fetter
			APPROVED &	Y ORDER OF C	MMANDING GENERAL ND READINESS COM	U S ARMY (AHO (DARCOM)
	$\nearrow$				By I	
			U.S.	ARMY	DARCOM	DRAWING
	$\Lambda$			MA	Y 1980	
	_ [		CLASS	DIVISION	DRAWING	FILE
	$\overline{A}$		10	40	4116.410	20PA
	$\Box$		19	48	4116/10	1002

DO NOT SCALE



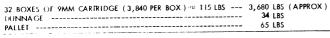
## GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION 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.
- 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 EACH 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 DECK/STRINGER 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.

CARLOADING ----- DRAWING 19-48-4115-5PA 1002 TRUCKLOADING ------ DRAWING 19-48-4117-11PA1003 STORA GE ----- DRAWING 19-48-4118-1-2-14-22PA1002

- 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 9MM 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.

## PALLET UNIT SEE GENERAL NOTE "B" AT RIGHT.



IOTAL WEIGHT ----- 3,779 LBS (APPROX )
CUBE ----- 36.5 CU FT (APPROX

BOX HEIGHT

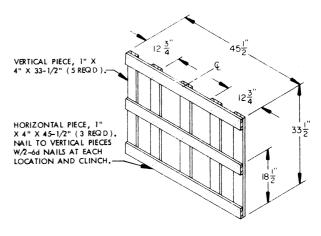
TO SPACER AS SHOWN.

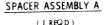
	BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET 12.65	
1" X 4"	37.96		
NAILS	NO. REQD	POUNDS	
6d ( 2" )	48	0.28	
TEEL STRAPPING, 3/1 EAL FOR 3/4" STRAP	FING O KEGD	65 LBS 7.46 LBS NIL	



BOX

WIDTH

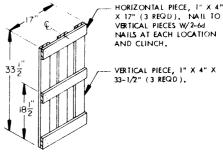




STRAP BEARING PIECE, 2" X 4" BY BOX WIDTH MINUS 3" (AS REQD). NAIL TO VERTICAL PIECES W/2-10d NAILS AT EACH END. NOTE: WHEN A UNIT HAS MORE THAN EIGHT (8) BOXES OMITTED, THE FILLER ASSEMBLY OR ASSEMBLIES LOCATED AT THE OUTER EDGE OF THE UNIT WILL REQUIRE A "STRAP BEARING PIECE POSITIONED UNDER THE HORIZON-TAL STRAP. STAPLE STRAP TO THE "STRAP BEARING PIECE".

LATERAL PIECE, 2" X 4" X BOX WIDTH MINUS 3" (4 REQD).
NAIL TO VERTICAL PIECES W/2-10d NAILS AT EACH END. FILLER ASSEMBLY

BOX LENGTH



SPACER ASSEMBLY B (2 REQD)

PAGE 2

VERTICAL PIECE, 2" X 4"

X BOX LENGTH MINUS

LONGITUDINAL PIECE, 2" X 4" X BOX HEIGHT (4 REQD).
NAIL TO VERTICAL PIECES W/2-10d NAILS AT EACH END

3/4" (4 REQD) .-

( FOR MINUS ONE BOX )