APPENDIX 109

UNITIZATION PROCEDURES FOR BOXED AMMUNITION AND COMPONENTS ON SKIDDED BASES

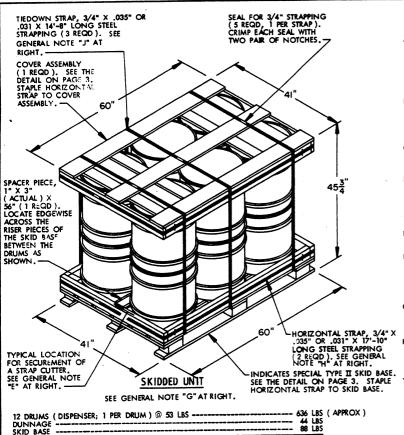
DISPENSER, AIRCRAFT, XMI3O, PACKED I PER METAL DRUM, UNITIZED 12 DRUMS PER 41" X 60" SPECIAL TYPE II SKID BASE; DRUM SIZE 20" DIA X 20" H

SKIDDED UNIT DATA						
ITEMS INC	LUDED	HAZARD CLASS		SIFICATION		WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(()
1095- 01-036-6886	_					768

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4138-20PA1000.

	REVISIONS		GRG /	DAK WK	Llui	
-				100 5	Bynd	
			RSHOVED.	. S. ARMY ARM	MENT MATERIE	READINESS COMMAND
			Fante & Kueter Dave Tell			
			DREAR - M	i d / wet	BREAR - T	u
			APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY			
			U.S. AMER DEPENSE AMMUNITION CENTER AND SCHOOL			
			U. S. ARMY DARCOM DRAWING			
			OCTOBER 1979			979
			CLASS	DIVISION	DRAWING	FILE
\vdash	1 7				4138/	20PA
			19	48	109	1000

DO NOT SCALE



GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-484138-20PA1000. TO PRODUCE AN APPROVED UNIT LOAD, ALL PETITINENT 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 SPECIFED IN THIS APPENDIX.
- B. THE UNITIZATION PROCEDURES DEPICTED IN THIS DRAWING WILL REQUIRE THE USE OF A "SPECIAL TYPE II SKID BASE". SPECIFICATIONS PERTAINING TO THE TYPE II SKID BASE DELINEATED IN THE BASIC PROCEDURES WILL BE FOLLOWED, AS APPLICABLE. SEE THE "SPECIAL TYPE II SKID BASE" DETAIL AND KEY NUMBERS ON PAGE 3.
- C. ONLY THE "SPECIAL TYPE II SKID BASE" WILL BE USED TO ASSEMBLE THIS UNIT. THE "W" DIMENSION WILL BE 60" AND THE "L" DIMENSION WILL BE 41". CAUTION: A TYPE I SKID BASE WILL NOT BE USED.
- D. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

		19-48-4123-5PA1003
TRUCKLOADING		
STORAGE	DRAWING	19-48-4125-1-2-14PA1003

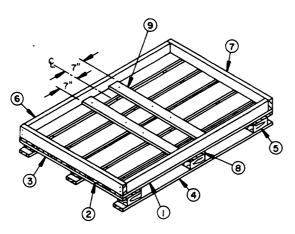
- E. FOR METHOD OF SECURING A STRAP CUTTER TO THE SKIDDED UNIT, SEE DARCOM DRAWING 19-48-4127-20P1000.
- F. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING DISPENSERS WHEN DENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON THE ITILE PAGE, PROVIDED THE DRUM PACK DOES NOT VARY FROM WHAT IS DELINEATED REPER ALL
- G. DIMENSIONS, QUBE AND WEIGHT OF A SKIDDED UNIT WILL VARY SUIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE DRUMS AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- H. INSTALL EACH HORIZONTAL STRAP TO ENGIRCLE EACH DUNNAGE ASSEMBLY. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
 - INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE SKID BASE AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE HORIZONTAL STRAPS HAVE BEEN TENSIONED AND SPALED.

.67 .75 .00	1.17 9.92 7.50
REQD	POUNDS
В	0.34
-	1 REQD 79.66' REQD 5 REQD -

TOTAL WEIGHT

SUPPORT PIECE, 2" X 4" X 14" (2 REQD).	VERTICAL PIECE, 1" X 4" X 19" (2 REQD). NAIL TO LATERAL PIECES W/2-6d NAILS AT EACH END AND TO FILLER PIECE W/2-6d NAILS.
18 ½"	LATERAL PIECE, 2" X 4" X 14" (4 REQD). NAIL TO SUPPORT PIECE W/2-10d NAILS.
VERTICAL FILLER PIECE, 1" X 4" X 19" (AS REOD.) NAIL TO THE VERTICAL PIECE W/4-64 NAILS, NOTE: WATEN MORE THAN ORUMAS ARE OMITTED FROM A UNIT, THE FILLER ASSEMBLY OR	LONGITUDINAL PIECE, 2" X 4" X 17" (4 REQD). NAIL TO LATERAL PIECES W/2-10d NAILS AT EACH END. FILLER PIECE, 2" X 4" X 12" (4 REQD).
ASSEMBLIES LOCATED IN AN COUTSIDE STACK ON THE 41' SIDE OR SIDES OF A SKID BASE WILL REQUIRE VERTICAL FILLER PIECES AS SHOWN.	VERTICAL PIECE, 2" X 4" X 19" (2 REQD). NAIL TO LONGITUDINAL PIECES W/2-104 NAILS AT EACH END AND TO FILLER PIECE W/2-104 NAILS.
	JS ONE DRUM)

- 768 LBS (APPROX) -65.1 CU FT (APPROX)



SPECIAL TYPE II SKID BASE

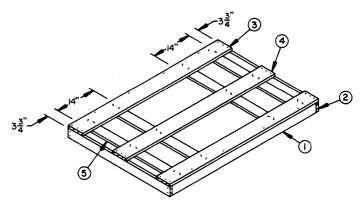
(SEE KEY NUMBERS AT RIGHT AND GENERAL NOTE "8" ON PAGE 2).

KEY NUMBERS

- 1 TOP DECK BOARD, 1" X 6" X 60" (2 REQD). NAIL TO LONGITUDINAL PIECE W/4-64 NAILS AND TO LATERAL PIECES W/2-64 NAILS AT EACH END. POSITION AS SHOWN AND NAIL THRU STRINGER PIECE INTO POST W/3 NAILS (TYPE II STYLE 18) 3" TO 3-1/4" LONG X 0.135" DIA. AT EACH END USING A STAGGERED NAILING PATTERN.
- (2) TOP DECK BOARD, 1" X 6" X 60" (4 REQD.). NAIL TO LATERAL PIECES W/2-6d NAILS AT EACH END. POSITION AS SHOWN AND NAIL TO STRINGER PIECES W/3 NAILS (TYPE II STYLE 18) 1-1/2" LONG X 0.120" DM., AT EACH JOINT USING A STAGGERED NAILING PATTERN. <u>MOTE</u>: USE 3" TO 3-1/4" X 0.135" DM., NAILS ON CENTER BOARDS TO PENETRATE THE CENTER POST.
- (3) OUTSIDE STRINGER, 1" X 8" X 41" (2 REQD). POSITION AS SHOWN.
- 4 RUNNER, 1" X 4" X 60" (3 REQD), POSITION AS SHOWN AND NAIL TO POST W/4 NAILS (TYPE II STYLE 18) 2-1/4" LONG X 0,120" DIA, AT EACH JOINT USING A STAGGERED NAILING PATTERN.
- (5) POST, 5-1/2" WIDE X 2-3/4" HIGH X 3-1/2" LONG (9 REQD).
- (6) LONGITUDINAL PIECE, 2" X 4" X 57" (2 REQD).
- (7) LATERAL PIECE, 2" X 4" X 41" ($2\ \text{REQD}$). NAIL TO THE LONGITUDINAL PIECES W/2-10d NAILS AT EACH END.
- (8) CENTER STRINGER, 1" X 6" X 41" (1 REQD).
- $\begin{tabular}{lll} \begin{tabular}{lll} \P & \begin{tabular}{lll} \begin{tabular}{lll} \P & \begin{tabular}{lll} \begin{tabular}{lll} \begin{tabular}{lll} \P & \begin{tabular}{lll} \begin{tabular}{$

KEY NUMBERS

- 1) LONGITUDINAL PIECE, 1" X 4" X 58-1/2" (2 REQD).
- (2) LATBRAL PIECE, 1" X 4" X 41" (2 REQD). NAIL TO LONGITUDINAL PIECES W/2-6d NAILS AT EACH BND.
- 3 TIE PIECE, 1" X 6" X 60" (2 REQD). NAIL TO THE LONGITUDINAL PIECE W/4-64 NAILS AND TO THE LATERAL PIECES W/3-64 NAILS AT EACH END.
- 4 TIE PIECE, 1" X 6" X 60" (1 REQD). NAIL TO THE LATERAL PIECES W/3-6d NAILS AT EACH END.
- (5) FILLER PIECE, 1" X 4" X 39-1/2" (4 REQD). NAIL TO THE TIE PIECES W/2-64 NAILS AT EACH JOINT AND CLINCH.



COVER ASSEMBLY

(SEE KEY NUMBERS AT LEFT)

