




APPENDIX 123A

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

DESTROYER, CRYPTOGRAPHIC EQUIPMENT, PACKED
1 PER WOODEN BOX, UNITIZED 18 BOXES PER
40" X 48" PALLET; APPROX BOX SIZE 29 $\frac{1}{4}$ " L
X 16 $\frac{3}{4}$ " W X 6 $\frac{7}{8}$ " H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT (LBS)
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1375- 00-460-7985	M606	B	II-J	1.3	G	804

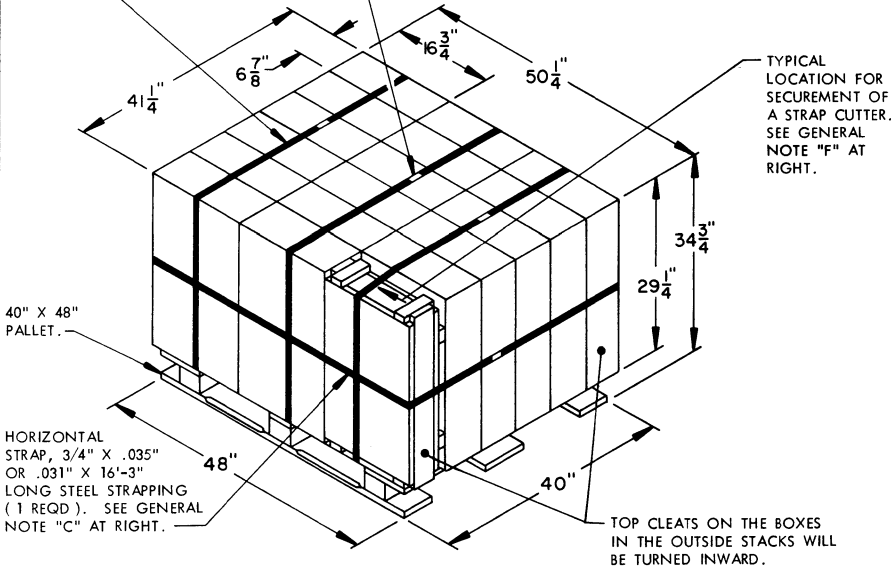
NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST
BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION
PROCEDURES DRAWING 19-48-4116-20PA1002.

REVISIONS				B.L. / #	PROJ. ENG.
				B.L. / #	WRF / WNF
				CIRCUIT	LOG ENGINE OFFICE
				RSH	J. J. Smith
APPROVED, U. S. ARMY ARMAMENT MATERIEL READINESS COMMAND					
		 <small>DRSAR - LEP</small>		 <small>DRSM - TPO</small>	
APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)					
 <small>U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL</small>					
U. S. ARMY DARCOM DRAWING					
JUNE 1981					
CLASS	DIVISION	DRAWING	FILE		
19	48	4116/ 123A	20PA 1002		

DO NOT SCALE

TIEDOWN STRAP, 3/4" X .035" OR .031" X 12'-10" LONG STEEL STRAPPING (3 REQD). SEE GENERAL NOTE "D" AT RIGHT.

SEAL FOR 3/4" STRAPPING (4 REQD, 1 PER STRAP). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES.



TYPICAL LOCATION FOR SECUREMENT OF A STRAP CUTTER. SEE GENERAL NOTE "F" AT RIGHT.

40" X 48" PALLET.

HORIZONTAL STRAP, 3/4" X .035" OR .031" X 16'-3" LONG STEEL STRAPPING (1 REQD). SEE GENERAL NOTE "C" AT RIGHT.

TOP CLEATS ON THE BOXES IN THE OUTSIDE STACKS WILL BE TURNED INWARD.

PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

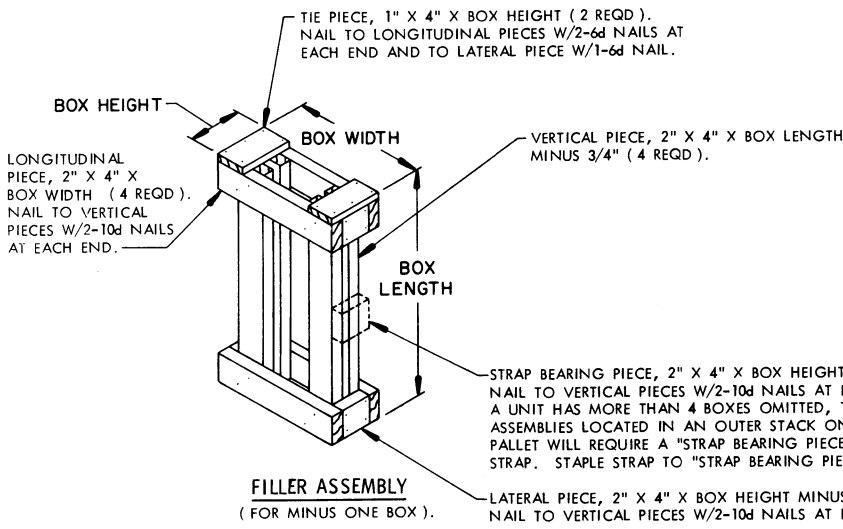
18 BOXES OF DESTROYERS (1 PER BOX) @ 40 LBS	-----720 LBS (APPROX)
DUNNAGE	-----4 LBS
PALLET	-----80 LBS
TOTAL WEIGHT	-----804 LBS (APPROX)
CUBE	-----41.7 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 40" X 48"	-----1 REQD	-----80 LBS
STEEL STRAPPING, 3/4"	-----54.75' REQD	-----3.91 LBS
SEAL FOR 3/4" STRAPPING	-----4 REQD	-----NIL

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.
- 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 STRAP TO ENCIRCLE THE LAYER OF BOXES ON THE PALLET. HORIZONTAL STRAP 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 STRAP HAS BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED COVERED BY THIS APPENDIX.
 CARLOADING-----DWG 19-48-4115-5PA1002
 TRUCKLOADING-----DWG 19-48-4117-11PA1003
 STORAGE-----DWG 19-48-4118-1-2-3-4-14-22PA1002
- F. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P 1000.
- 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 DESTROYERS 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. IF THERE IS A NEED TO USE FILLER ASSEMBLIES AND AT LEAST TWO PALLET UNITS ARE BEING CONSTRUCTED, NOT MORE THAN 14 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 14 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 PROCEDURES. HOWEVER, THE EXCEPTION IS NECESSARY FOR THE AMMUNITION PACK COVERED BY THIS APPENDIX, TO MOST EFFECTIVELY GET AN ACCEPTABLE, COMPACT AND SOUND PALLET UNIT.



FILLER ASSEMBLY
(FOR MINUS ONE BOX).