

## APPENDIX 127 E

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

CORD, DETONATING, PACKED 1 PER WOODEN BOX,  
UNITIZED 60 BOXES PER 40" X 48" PALLET;  
APPROX BOX SIZE 10  $\frac{1}{8}$ " L X 10" W X 10" H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT (LBS)
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1375- 00-028-5164	M455	C	I	1.3	D	1,049

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

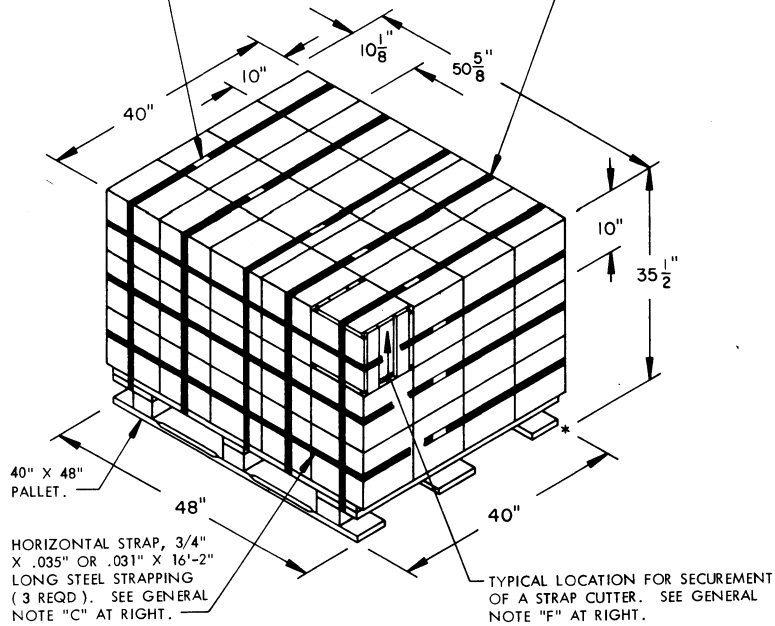
REVISIONS			DRAFTSMAN MJP	PROJ ENG WRE/klm
			CHECKER WJM	LOG ENGRG OFFICE WJ/Emet
			APPROVED, U. S. ARMY ARMAMENT MATERIEL READINESS COMMAND	
			<i>W. J. Emert</i> DRSAR - LEP	<i>W. J. Emert</i> DRSAR - TMD
			APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)	
			<i>William J. Emert</i> U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	
			<b>U. S. ARMY DARCOM DRAWING</b>	
			<b>DECEMBER 1982</b>	
			CLASS	DIVISION
			19	48
			DRAWING	FILE
			4116/ 127 E	20PA 1002

**DO NOT SCALE**

**GENERAL NOTES**

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

TIEDOWN STRAP, 3/4" X .035" OR  
.031" X 12'-9" LONG STEEL STRAPPING  
( 5 REQD ). SEE GENERAL NOTE "D"  
AT RIGHT.



**PALLET UNIT**

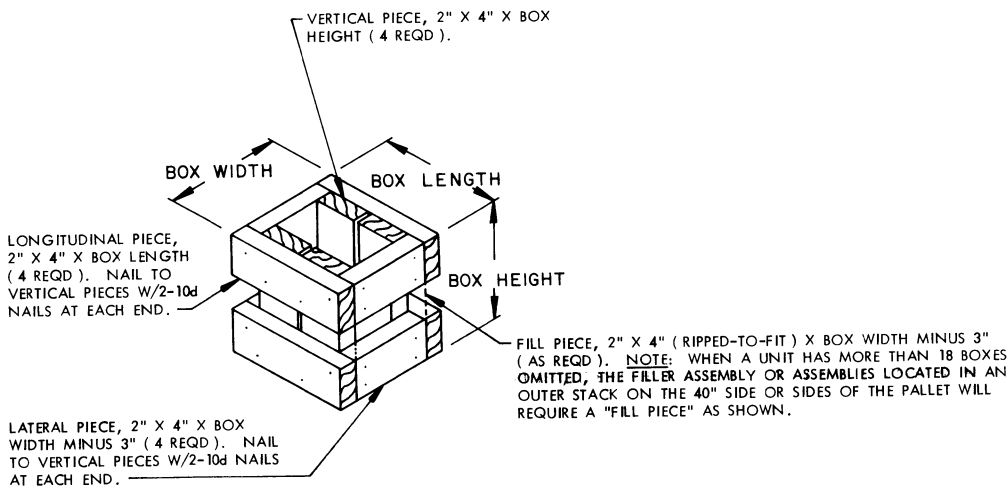
SEE GENERAL NOTE "B" AT RIGHT.

60 BOXES OF CORD, DETONATING ( 1 PER BOX ) @ 16 LBS -----	960 LBS ( APPROX )
DUNNAGE -----	9 LBS
PALLET -----	80 LBS
<b>TOTAL WEIGHT -----</b>	<b>1,049 LBS ( APPROX )</b>
<b>CUBE -----</b>	<b>41.6 CU FT ( APPROX )</b>

**BILL OF MATERIAL**

PALLET, 40" X 48" -----	1 REQD -----	80 LBS
STEEL STRAPPING, 3/4" -----	112.25' REQD -----	8.02 LBS
SEAL FOR 3/4" STRAPPING ---	8 REQD -----	NIL

- 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 EACH HORIZONTAL STRAP TO ENCIRCLE A 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 ----- 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 19-48-4127-20P1000.
- 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 CORD, DETONATING 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.



**FILLER ASSEMBLY**

( FOR MINUS ONE BOX )