

## APPENDIX 65J

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

GRENADE , HAND , PRACTICE , PACKED 50 PER WOODEN  
BOX , UNITIZED 24 BOXES PER 35" X 45 $\frac{1}{2}$ " PALLET;  
APPROX BOX SIZE 18" L X 15" W X 8" H

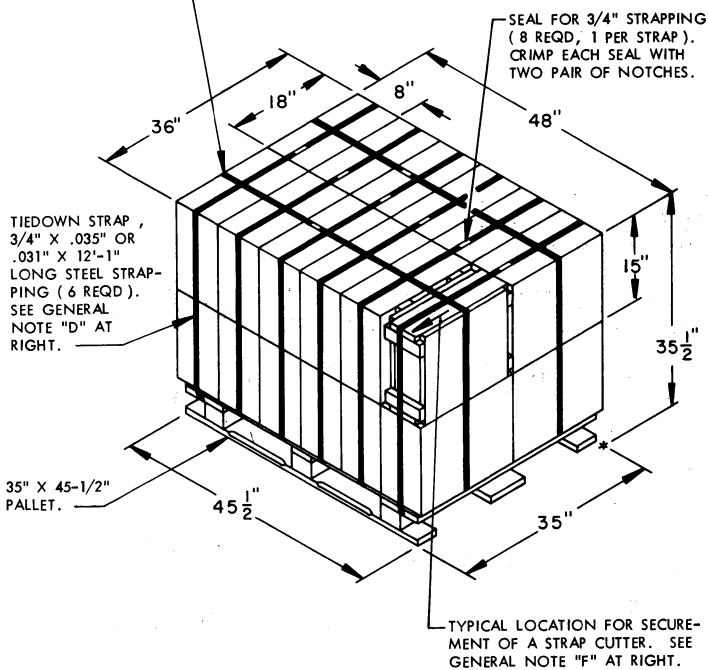
PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT ( LBS )
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1330- 00-133-9275	G918	C	III	1.4	S	1,729

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

REVISIONS				DRAFTER <b>B.L.</b>	PROJ ENG <b>WRE/JES</b>
				/ <b>WRE/JES</b>	/ <b>WRE/JES</b>
				CHECKER <b>W &amp; Omet</b>	LOS ENGINE OFFICE <b>W &amp; Omet</b>
APPROVED, U. S. ARMY ARMAMENT MATERIEL READINESS COMMAND					
				<i>[Signature]</i> DRAWN BY	<i>[Signature]</i> DRAWN - TPO
APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM) <i>[Signature]</i> U.S. ARMY DEFENSE ADMINSTRATIVE CENTER AND SCHOOL					
U. S. ARMY DARCOM DRAWING					
OCTOBER 1981					
CLASS	DIVISION	DRAWING	FILE		
19	48	4116/ 65J	20PA 1002		

**DO NOT SCALE**

LOAD STRAP, 3/4" X .035" OR .031" X 14'-1"  
LONG STEEL STRAPPING (2 REQD). SEE GENERAL  
NOTE "C" AT RIGHT.



### PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

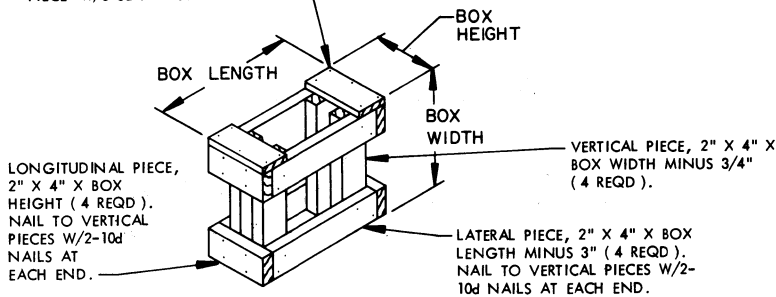
24 BOXES OF GRENADES (50 PER BOX) @ 69 LBS-----1,656 LBS (APPROX)  
DUNNAGE-----8 LBS  
PALLET-----65 LBS

TOTAL WEIGHT-----1,729 LBS (APPROX).  
CUBE-----35.5 CU FT (APPROX)

### BILL OF MATERIAL

PALLET, 35" X 45-1/2"-----1 REQD-----65 LBS  
STEEL STRAPPING, 3/4"-----100.67 REQD-----7.19 LBS  
SEAL FOR 3/4" STRAPPING-----8 REQD-----NIL

TIE PIECE, 1" X 4" BOX HEIGHT (2 REQD).  
NAIL TO LATERAL PIECES W/1-6d NAIL AT  
EACH END AND TO LONGITUDINAL  
PIECE W/3-6d NAILS.



### FILLER ASSEMBLY (FOR MINUS ONE BOX).

### 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.
- 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. THE LOAD STRAPS MAY BE THREADED THROUGH THE STRAP SLOTS OF A PALLET OR PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. LOAD STRAPS 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 LOAD 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 19-48-4115-5PA1002  
TRUCKLOADING-----DRAWING 19-48-4117-11PA1003  
STORAGE-----DRAWING 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 HAND GRENADES 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.