

# APPENDIX 132B

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

PRIMER, PERCUSSION, CAP, PACKED VARIOUS  
QUANTITIES IN M19 SERIES METAL CANS, 4 PER  
WIREBOUND BOX, UNITIZED 32 BOXES PER 35" X 45 $\frac{1}{2}$ "  
PALLET; APPROX BOX SIZE 17 $\frac{1}{2}$ " L X 11 $\frac{15}{16}$ " W X 7 $\frac{15}{16}$ " H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION <sup>ⓐ</sup>				WEIGHT (LBS)
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1375- 00-413-1550	M810	C	I	1.4	S	1,127

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

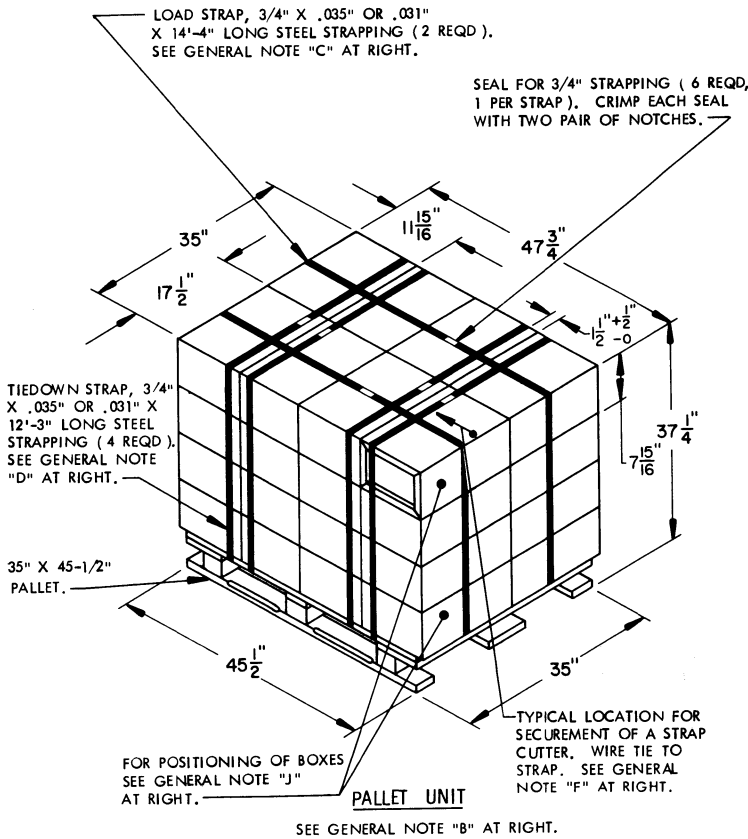
<sup>ⓐ</sup> HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

**DO NOT SCALE**

REVISIONS				DRAFTSMAN <i>RCS/jg</i>	PROJ. ENG. <i>AK/MLL</i>
				CHECKER <i>[Signature]</i>	LOG ENGRG OFFICE <i>[Signature]</i>
				APPROVED U. S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND	
				<i>Keith H. Benton</i> DRMCM-LEP	<i>[Signature]</i> DRMCM-TMD
				APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)	
				<i>William J. Smith</i> U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	
<b>U. S. ARMY DARCOM DRAWING</b>					
<b>FEBRUARY 1984</b>					
CLASS	DIVISION	DRAWING	FILE		
19	48	4116/ 132B	20PA 1002		

**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 AS 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. THE LOAD STRAPS MAY BE PRE-POSITIONED ON THE PALLET DECK OR THREADED THROUGH STRAP SLOTS OF 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 M2 PERCUSSION PRIMERS 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. POSITION THE TWO OUTSIDE BOXES ON THE 35" SIDES OF THE BOTTOM LAYER WITH THE TOPS DOWNWARD, AND THE TWO OUTSIDE BOXES ON THE 35" SIDES OF THE TOP LAYER WITH THE TOPS UPWARD.



32 BOXES OF M2 PERCUSSION PRIMER (4 CANS PER BOX) @ 33 LBS -----	1,056 LBS (APPROX)
DUNNAGE -----	6 LBS
PALLET -----	65 LBS
<b>TOTAL WEIGHT -----</b>	<b>1,127 LBS (APPROX)</b>
<b>CUBE -----</b>	<b>36.0 CU FT (APPROX)</b>

BILL OF MATERIAL			
PALLET, 35" X 45-1/2" -----	1 REQD -----	65 LBS	
3/4" STEEL STRAPPING -----	77.67' REQD -----	5.55 LBS	
SEALS FOR 3/4" STRAPPING -----	6 REQD -----	NIL	

