

# APPENDIX 105C

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

SIGNAL KIT, XM185, PACKED 240 PER WOODEN  
BOX, UNITIZED 8 BOXES PER 40" X 48" PALLET;  
APPROX BOX SIZE 25" L X 22 $\frac{5}{16}$ " W X 17 $\frac{19}{32}$ " H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION <sup>①</sup>				WEIGHT (LBS)
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1370- 00-319-7560	L116	C	II-C	1.3	C	1,109

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

<sup>①</sup>HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE  
CHART IS FOR GUIDANCE AND INFORMATION 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).

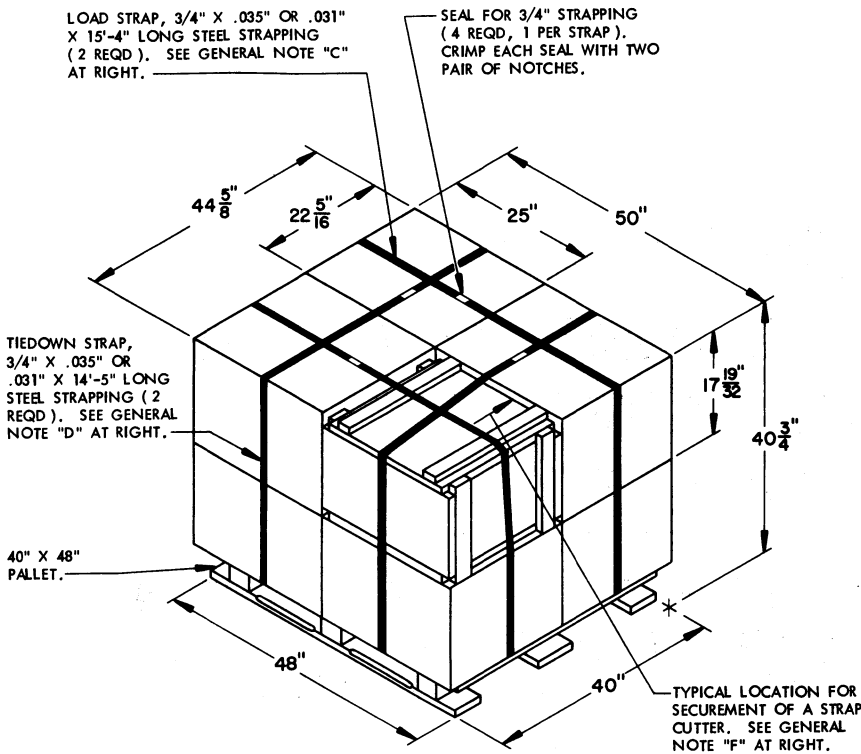
**DO NOT SCALE**

REVISIONS				DRAFTSMAN <i>KZC</i>	PROJ ENG <i>POR</i>
				CHECKER <i>WJ</i>	LOG ENGRG OFFICE <i>WJ</i>
				APPROVED, U. S. ARMY ARMAMENT, MUNITIONS, AND CHEMICAL COMMAND	
				<i>D. M. Lattin</i> <i>B. H. ...</i>	
				APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)	
				<i>John L. Sydnor</i> U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	
<b>U. S. ARMY DARCOM DRAWING</b>					
<b>NOVEMBER 1983</b>					
				CLASS	DIVISION
				19	48
				DRAWING	FILE
				4116/ 105C	20PA 1002

PROJECT FSA 146/105C-75

**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. 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.
- D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL BE TENSIONED AND SEALED PRIOR TO APPLICATION OF LOAD STRAPS.
- 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 CONFORM TO THIS APPENDIX.
- H. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING SIGNAL KITS 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.



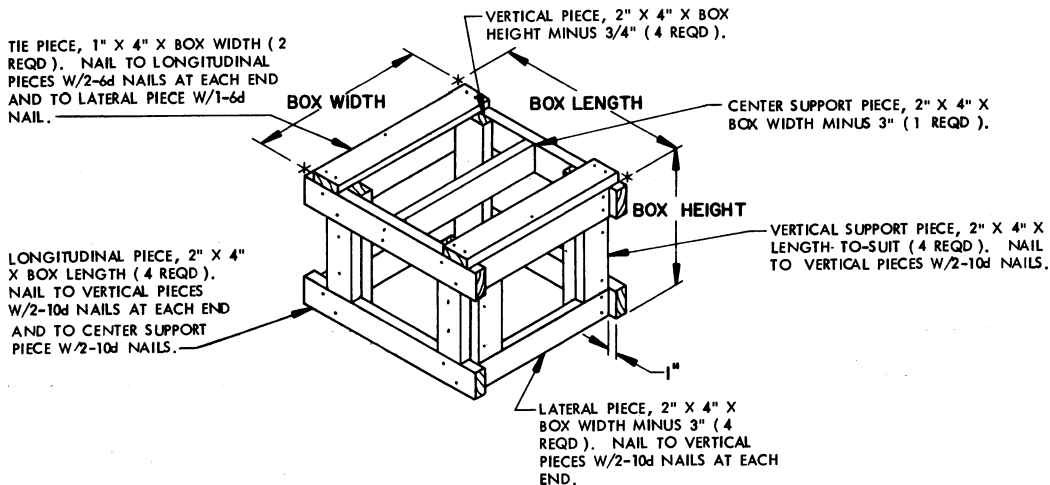
**PALLET UNIT**

SEE GENERAL NOTE "B" AT RIGHT.

8 BOXES OF XM185 SIGNAL KITS ( 240 PER BOX ) @ 128 LBS -----	1,024 LBS ( APPROX )
DUNNAGE-----	5 LBS
PALLET-----	80 LBS
<b>TOTAL WEIGHT</b> -----	<b>1,109 LBS ( APPROX )</b>
<b>CUBE</b> -----	<b>52.6 CU FT ( APPROX )</b>

**BILL OF MATERIAL**

PALLET, 40" X 48"-----	1 REQD-----	80 LBS
STEEL STRAPPING, 3/4"-----	59.50 REQD-----	4.25 LBS
SEAL FOR 3/4" STRAPPING-----	4 REQD-----	NIL



**FILLER ASSEMBLY**

( FOR MINUS ONE BOX )