

APPENDIX 127C

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

CORD, DETONATING, PACKED VARIOUS QUANTITIES PER
WOODEN BOX, UNITIZED 6 BOXES PER 40" X 48"
PALLET; APPROX BOX SIZE 26" L X 24 $\frac{3}{4}$ " W X 14 $\frac{5}{8}$ " H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION ①				WEIGHT (LBS)
NSN	DOD IC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1375-						
00-028-5161	M455	C	I	1.3	D	750
00-028-5163	M455	C	I	1.3	D	711
00-028-5166	M455	C	I	1.3	D	714
00-529-7702	M455	C	I	1.3	D	714
00-028-5168	M456	C	I	1.3	D	1,050
00-310-2677	M456	C	I	1.3	D	714

REVISION

REVISION NO. 1, DATED JANUARY 1984, CONSISTS OF:

1. CHANGING BOX WEIGHT AND DIMENSIONS.
2. UPDATING DRAWING FORMAT TO CONFORM WITH NUMBER 1 ABOVE.

① 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).

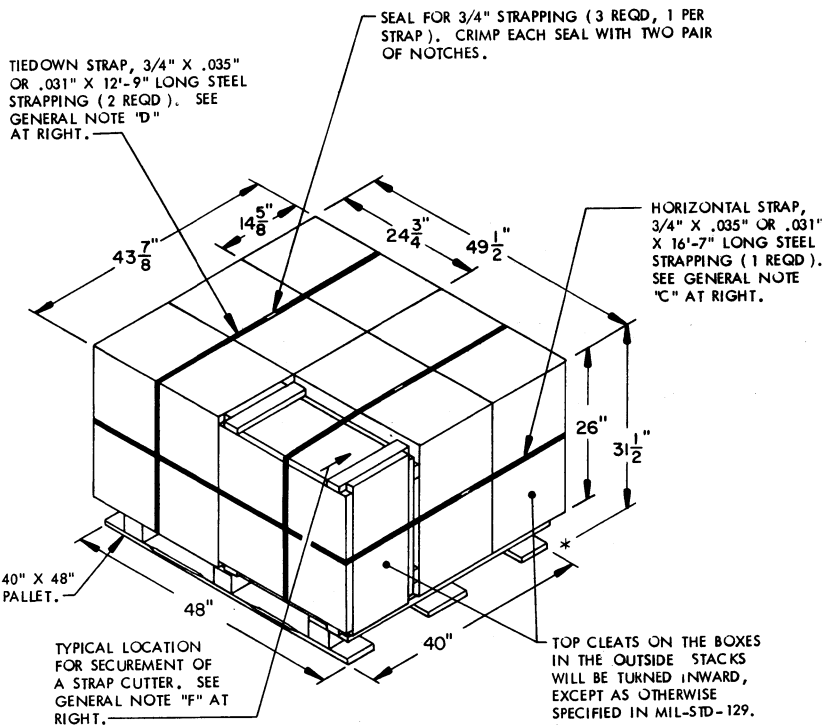
NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4116-20PA1002

DO NOT SCALE

REVISIONS				DRAFTSMAN <i>WRF/LLW</i>	PROJ ENG <i>WRF/LLW</i>
1	JAN 84	<i>WRF/LLW</i>	<i>WRF/LLW</i>	CHECKER <i>WRF/LLW</i>	LOG ENGRG OFFICE <i>WRF/LLW</i>
				APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)	
				DRSAR - LEP <i>WRF/LLW</i>	DRSAR - TMD <i>WRF/LLW</i>
				APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)	
				U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	
				U. S. ARMY DARCOM DRAWING	
				JUNE 1982	
		CLASS	DIVISION	DRAWING	FILE
		19	48	4116/ 127C	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 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 AS SHOWN. THE HORIZONTAL STRAP WILL 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 OUT-LOADING 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 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.
- J. IF THERE IS A NEED TO USE FILLER ASSEMBLIES AND AT LEAST TWO PALLET UNITS ARE BEING CONSTRUCTED, NOT MORE THAN THREE FILLERS WILL BE INSTALLED IN ANY ONE PALLET UNIT. 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.



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

6 BOXES OF CORD, DETONATING @ 161 LBS	-----	966 LBS (APPROX)
DUNNAGE	-----	4 LBS
PALLET	-----	80 LBS
TOTAL WEIGHT	-----	1,050 LBS
CUBE	-----	39.6 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 40" X 48"	-----	1 REQD	-----	80 LBS
STEEL STRAPPING, 3/4"	-----	42.08' REQD	-----	3.01 LBS
SEAL FOR 3/4" STRAPPING	-----	3 REQD	-----	NIL

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

