

APPENDIX 14D

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

CARTRIDGE, CALIBER .50, PACKED 210 PER
WIREBOUND BOX, UNITIZED 24 BOXES PER 40" X
48" PALLET; APPROX BOX SIZE 14 $\frac{1}{2}$ " L X 12 $\frac{3}{4}$ " W
8 $\frac{3}{8}$ " H

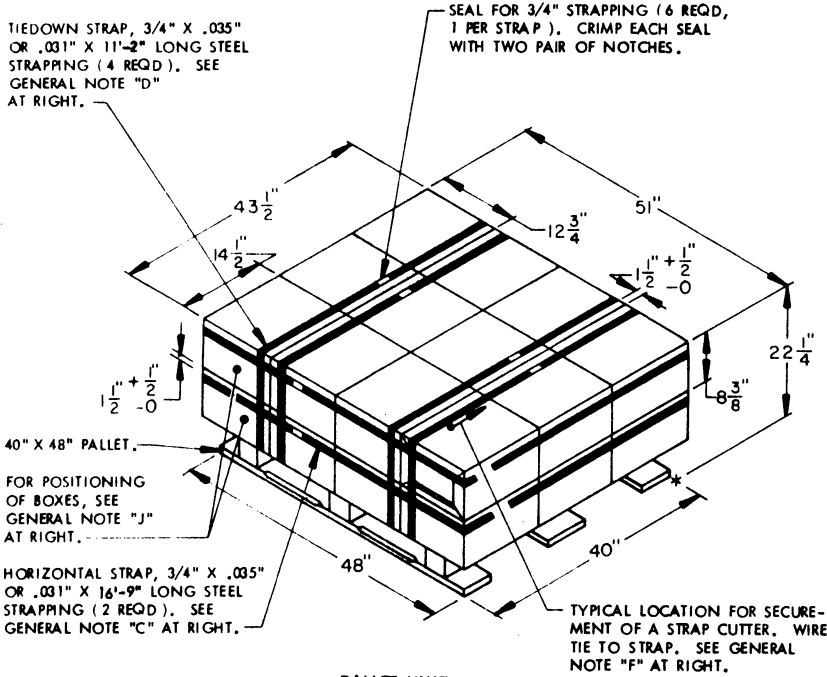
PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT (LBS)
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1305-						
00-028-6487	A539	C	I	1.4	G	2,078
00-028-6458	A547	C	I	1.4	G	2,102
00-752-7638	A587	C	I	1.4	G	2,078
* 00-028-6470	A540	C	I	1.4	G	1,934
* 00-028-6490	A576	C	I	1.4	G	1,934
* 00-028-6469	A592	C	I	1.4	G	1,934

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

* SEE GENERAL NOTE "B" ON PAGE 2.

DO NOT SCALE

REVISIONS				DRAWN	PROJ ENG
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				CHECKER	LOG ENG'G OFFICE
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APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)					
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U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL					
U. S. ARMY DARCOM DRAWING					
APRIL 1980					
				CLASS	DIVISION
				DRAWING	FILE
				19	48
				4116/ 14D	20PA 1002



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

24 BOXES OF .50 CALIBER CARTRIDGE (210 PER BOX) @ 84 LBS	-----	2,016 LBS (APPROX)
DUNNAGE	-----	6 LBS
PALLET	-----	80 LBS
TOTAL WEIGHT	-----	2,102 LBS (APPROX)
CUBE	-----	28.6 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 40" X 48"	-----	1 REQD	-----	80 LBS
STEEL STRAPPING, 3/4"	-----	78.77' REQD	-----	5.98 LBS
SEAL FOR 3/4" STRAPPING	-----	6 REQD	-----	NIL

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 EACH HORIZONTAL STRAP TO ENCIRCLE A LAYER OF BOXES ON THE PALLET. NOTE THAT THE STRAPS WILL BE LOCATED AS DIMENSIONED, NEAR THE TOP OF EACH LAYER. HORIZONTAL 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. NOTE THAT THE STRAPS WILL BE LOCATED AS DIMENSIONED NEAR THE SIDE CLEATS OF THE END PANELS OF THE BOX. 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 -----	DRAWING 19-48-4115-5PA1002
TRUCKLOADING -----	DRAWING 19-48-4117-11PA1003
STORAGE -----	DRAWING 19-48-4118-1-2-14-22PA1002
- 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 .50 CALIBER CARTRIDGES 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 THREE OUTBOARD BOXES OF THE BOTTOM LAYER ON THE 40" SIDE OF THE PALLET WITH THE TOP DOWNWARD, AND THE THREE OUTBOARD BOXES OF THE TOP LAYER ON THE 40" SIDE OF THE PALLET WITH THE TOP UPWARD.

