

APPENDIX 106A

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

CARTRIDGE, PHOTOFLASH, PACKED 12 PER WOODEN
BOX, UNITIZED 32 BOXES PER 35" X 45 $\frac{1}{2}$ " PALLET;
APPROX BOX SIZE 17 $\frac{7}{8}$ " L X 12 $\frac{1}{4}$ " W X 12 $\frac{1}{32}$ " H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION ^①				WEIGHT (LBS)
NSN	DOD/IC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1370-						
00-901-0605	L139	A	X-B	1.1	G	2,472
00-901-0604	L140	A	X-B	1.1	G	2,472
00-901-0603	L141	A	X-B	1.1	G	2,472

REVISION

REVISION NO. 1, DATED APRIL 1986, CONSISTS OF:

ADDING ITEMS BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.

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

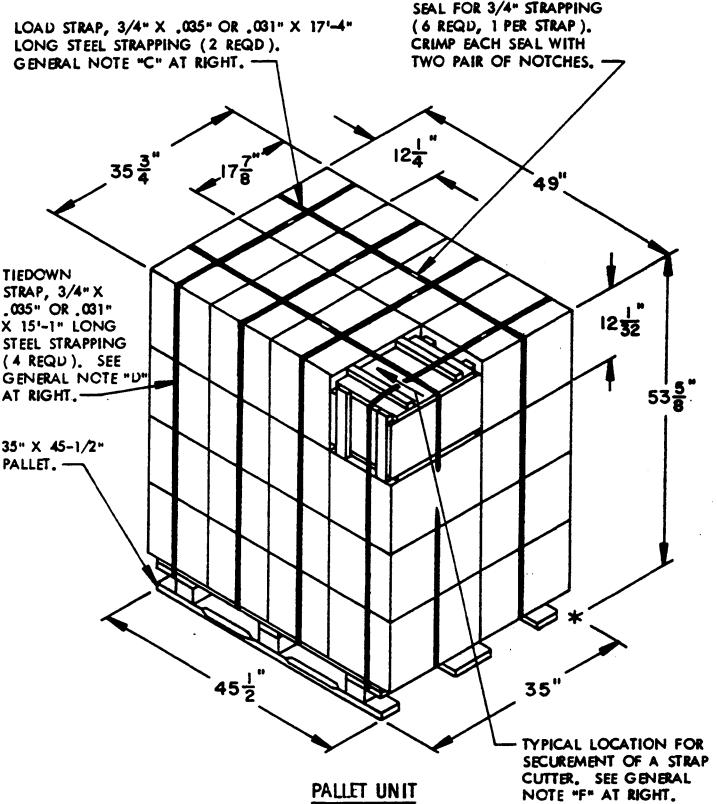
^① HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING (S).

DO NOT SCALE

REVISIONS		DATE	BY	FOR
1	APR 86	WRE/WW	WRE/WW	WRE/WW
		APPROVED BY: <i>William J. Ernst</i> U.S. ARMY DARCOC CENTER AND SCHOOL		
		MARCH 1983		
CLASS	DIVISION	DRAWING	FILE	
19	48	4116/ 106A	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. THE LOAD STRAPS WILL BE THREADED THROUGH THE STRAPS 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 DECK/STRINGER BOARDS OF THE PALLET AND TO BE LOCATED BETWEEN THE VERTICAL END CLEATS OF THE BOXES. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- E. THE FOLLOWING (AMCT/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 PHOTOFLASH 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. WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, ONE LAYER OF BOXES MUST BE OMITTED, TIEDOWN STRAP LENGTHS MUST BE DECREASED TO 13'-1", AND LOAD STRAP LENGTHS MUST BE DECREASED TO 15'-4". THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 41'-5/8", A GROSS UNIT WEIGHT OF 1,871 POUNDS, AND A UNIT CUBE OF 42.2 CUBIC FEET. ADDITIONALLY, THE UNIT LOAD MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED BY MILVAN OR COMMERCIAL INTERMODAL FREIGHT CONTAINER. THE DETERMINATION TO REDUCE THE LOAD BY A LAYER FOR TRANSPORTATION WILL BE MADE BY THE RESPONSIBLE COMMAND AND WILL BE BASED UPON ECONOMICS OF TRANSPORTATION AND HANDLING.



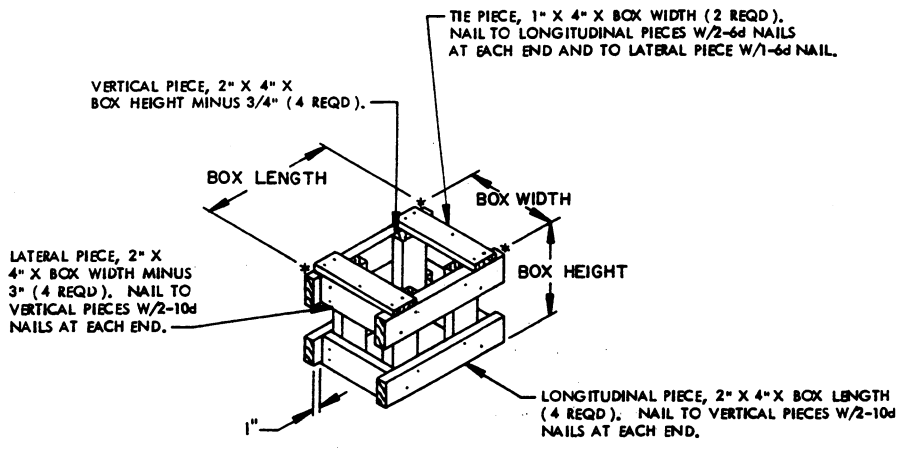
PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

32 BOXES OF CARTRIDGES (12 PER BOX) @ 75 LBS -----	2,400 LBS (APPROX)
DUNNAGE -----	7 LBS
PALLET -----	65 LBS
TOTAL WEIGHT -----	2,472 LBS (APPROX)
CUBE -----	54.4 CUBIC FEET (APPROX)

BILL OF MATERIAL

PALLET, 35" X 45-1/2" -----	1 REQD -----	65 LBS
STEEL STRAPPING, 3/4" -----	95.00' REQD -----	6.79 LBS
SEAL FOR 3/4" STRAPPING -----	6 REQD -----	NIL



FILLER ASSEMBLY
(FOR MINUS ONE BOX)