APPENDIX 156L

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

FUZE, POINT DETONATING AND/OR MECHANICAL TIME, PACKED VARIOUS QUANTITIES PER WOODEN BOX, UNITIZED 24 BOXES PER 35" X $45\frac{1}{2}$ " PALLET; APPROX BOX SIZE $18\frac{1}{2}$ " L X $13\frac{7}{8}$ " W X $12\frac{7}{8}$ " H

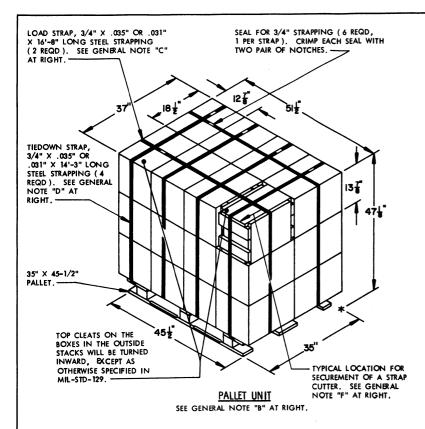
PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION [●]				WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1390- 00-028-4913 00-028-4916 00-892-4089 00-305-0868	N276 N276 N280 N276	C C A C	I VI I	1. 4 1. 4 1. 1 1. 4	8 8 8 8	2, 112 2, 112 1, 992 1, 992

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

• 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).

REVIS	IONS		TINCK PROJE	/	
		RS H	2.	enc ornica	
/		COMMAND	U. S. ARMY ARM	MENT, MUNITIONS	AND CHEMICAL
		DROMC'-LI	Kanto	DRIMC- THO	
		APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM)			
		U.S. AM	Y DEPENSE AMMU	So)	SCHOOL.
		U. S. ARMY DARCOM DRAWING			
		NOVEMBER 1983			
		CLASS	DIVISION	DRAWING	FILE
	19	48	4116/	20PA	
				15 6 L	1002

DO NOT SCALE



24 BOXES OF FUZES (VARIOUS QUANTITIES PER BOX) @ 85 LBS2,040	LBS (APPROX)
DUNNAGE 7	LBS
PALLET 65	LBS
TOTAL WEIGHT2, 112	LBS (APPROX)
CUBE52.0 C	U FT (APPROX)

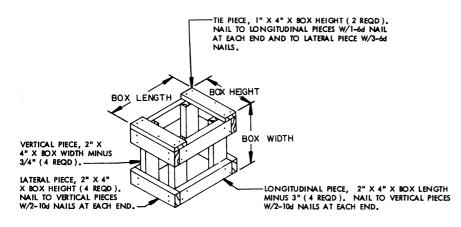
BILL OF MATERIAL			
PALLET, 35" X 45-1/2"	1 REQD	65 LBS	
STEEL STRAPPING, 3/4"		6.45 LBS	
SEAL FOR 3/4" STRAPPING	6 REQD	NIL	

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CON-JUNCTION 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, 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 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 OUT-LOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

CARLOADING	DRAWING 19-48-4115-5PA 1002
TRUCKLOADING	DRAWING 19-48-4117-11PA 1003
STORAGE	DRAWING 19-48-4118-1-2-3-4-14-
	22PA 1002.

- 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 FUZES WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON THE ITILE 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 11'-1", AND LOAD STRAP LENGTHS MUST BE DECREASED TO 14'-4". THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 33-1/4", A GROSS UNIT WEIGHT OF 1,511 POUNDS, AND A UNIT CUBE OF 36.7 CUBIC FEET. ADDITIONALLY, THE UNIT LOAD MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED BY MILVAN OR COMMERCIAL INTERMODAL FREIGHT CONTAINER, CONVENTIONAL VAN TRAILER, OR CONVENTIONAL OR HIGH-CAPACITY BOXCAR. 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.



FILLER ASSEMBLY
(FOR MINUS ONE BOX)