APPENDIX 110L

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

FLARE, AIRCRAFT, PACKED TWO PER WOODEN BOX, UNITIZED 18 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 43" L X 16" W X 8" H

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

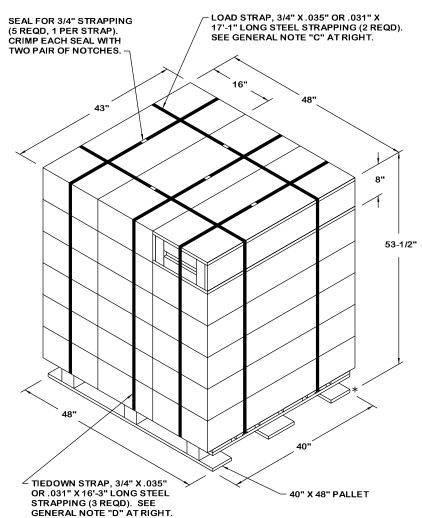
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David a. Pistorik		REV.		WEB	SITE: HT	TP://WWW.D	AC.ARMY.MIL
	TECHNICIAN	BASIC REV.		JANUARY 2002			
TOJ Dash HAMSOS-TM	DRAFTSMAN	BASIC REV.			DAN		2002
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U.S. ARMY DEFENSE AMMUNITION CENTER	VALIDATION ENGINEERING		TESTED	CLASS	DIVISION	DRAWING	FILE
	DIVISION ENGINEERIN DIRECTORA	1G (willion P. French	19	48	4116/ 110L	20PA1002

PALLET UNIT DATA							
ITEMS INCLUDED		HAZARD					
NSN	DODIC	CLASS AND DIVISION	COMPA- TABILITY GROUP	APPROX WEIGHT LBS			
1370- 00-292-8411 00-351-0222 01-083-0321 00-500-6878 01-083-0323 00-104-5614 00-135-1590 00-195-2668	L411 L411 L431 L432 L440 L660 LY65 UNAS	1. 3 1. 3 ————————————————————————————————————	ERT — G G G	1, 726 1, 726 1, 726 1, 726 1, 726 1, 726 1, 726 1, 726			

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).



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

18 BOXES OF AIR DUNNAGE PALLET		 	 . 8 LB	S
	TOTAL WEIGHT			

BIL	.L 0	F MAT	ERIAL		
PALLET, 40" X 48" -					
STEEL STRAPPING, 3/	4" -	82 92	REQD -	 - 7.	41

SEAL FOR 3/4" STRAPPING - - - 5 REQD - - - - -

LRS

LBS

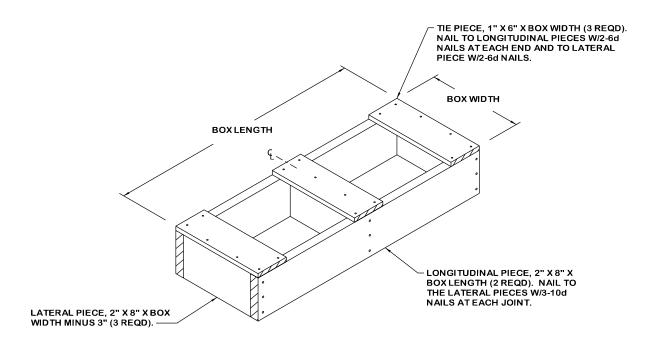
GENERAL NOTES

- 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 THE 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 TOP DECK 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 AMC DRAWINGS ARE APPLICABLE FOR OUTLOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.

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CARLOADING - - - - 19-48-4115-5PA1002
TRUCKLOADING - - - 19-48-4117-11PA1003
STORAGE - - - - 19-48-4118-1-2-3
4-14-22PA1002
END OPENING ISO
CONTAINER - - - - 19-48-4153-15PA1002
MILVAN - - - - - 19-48-4166-15PA1003
SIDE OPENING ISO
CONTAINER - - - 19-48-4267-15PA1009
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- F. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING AIRCRAFT FLARES WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON PAGE 2, 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.
- H. THE STYLE 1 PALLET DELINEATED IN THE DETAIL AT LEFT NEED NOT HAVE CHAMFERS OR STRAP SLOTS AS SPECIFIED WITHIN MILITARY SPECIFICATION MIL-P-15011 WHEN USED FOR THE UNITIZATION OF ITEMS COVERED BY THIS APPENDIX.
- J. WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, TWO LAYERS OF BOXES MUST BE OMITTED, TIEDOWN STRAP LENGTHS MUST BE DECREASED TO 13'-7", AND LOAD STRAP LENGTHS MUST BE DECREASED TO 14'-5". THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 37-12", A GROSS UNIT WEIGHT OF 1,179 POUNDS, AND A UNIT CUBE OF 44.8 CUBIC FEET. ADDITIONALLY, THE UNIT MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED BY MILVAN OR ISO INTERMODAL FREIGHT CONTAINER. THE DETERMINATION TO REDUCE THE LOAD BY ONE OR TWO LAYERS FOR TRANSPORTATION WILL BE MADE BY THE RESPONSIBLE COMMAND AND WILL BE BASED UPON ECONOMICS OF TRANSPORTATION AND HANDLING.
- K. FOR DETAILS OF THE PPP-B-621 WOODEN BOX SEE SPI NO. F01-083-0323.

PAGE 3



FILLER ASSEMBLY

(FOR MINUS ONE BOX)

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