APPENDIX IIOD

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

FLARE, PACKED 80 PER WOODEN BOX, UNITIZED 60 BOXES PER 40" X 48" PALLET; APPROX BOX SIZE 20" L X IO" W X 5" H

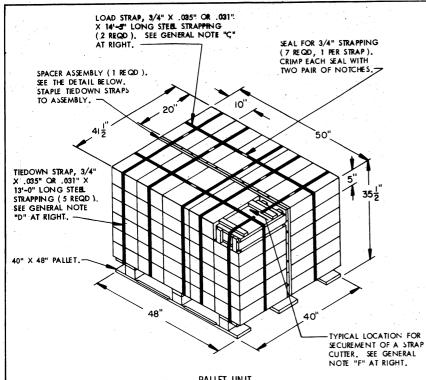
PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1370- 00-249-9410	LW53	В	п-с	1.3	G	3, 949

[•] HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VER-IFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CON-SULTING 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.

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		APPROVED E	Y DROER OF COM	D READINESS COMM.	U. S. ARBY AND (DARCOM)	
		Wil	LIST SEPE	F Esna ME AMBUNITION CO	ENTER AND SCHOOL	
		U. S.	ARMY D	ARCOM	DRAWING	
			JUNE 1983			
		CLASS	DIVISION	DRAWING	FILE	
		19	48	4116/ 110D	20PA 1002	

DO NOT SCALE



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ΣEE	GENERAL	NOTE	"B"	ΑT	RIGHT.

60 BOXES OF FLARES (80 PER BOX) @ 64 LBS	3,840 Li	35 (APPROX)
DUNNAGE	29 LI	85
PALLET	80 LI	35

TOTAL WEIGHT ----- 3,949 LBS (APPROX) ----- 42.6 CU FT (APPROX) CUBE ----

	BILL OF MATERIAL	
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	31.67	10,56
NAILS	NO, REQD	POUND'S
6d (2")	48	0.28
PALLET, 40" X 48" STEEL STRAPPING, 3	1 REQI 1 REQI /4" 93.83' REQI PPING 7 REQI /4" 5 REQI	0 80 LBS 0 6.70 LB

GENERAL NOTES

- CENTERAL NUILES

 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 TO THE PROCEDURES DELINEATED IN THIS APPENDIX. ANY EXCEPTIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.
- DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEFENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC LIEM BEING UNI-
- THE LOAD STRAPS WILL BE THREADED THROUGH THE STRAP SLOTS OF A PALLET. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- 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 APPLED UNTIL THE LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- 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 19-48-4118-1-2-3-4-14-22PA1002.

- FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P 1000.
- IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING FLARES WHEN INDENTIFIED BY DIFFER-ENT 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
- WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, THREE LAYERS OF BOXES MUST BE OMITTED, TIEDOWN STRAP LENGTHS MUST BE DECREASED TO 10-6", LOAD STRAP LENGTHS MUST BE DECREASED TO 11-11", AND THE SPACER ASSEMBLY MUST BE MODIFIED. SPACER ASSEMBLY MODIFICATIONS INCLUDE CHANGING VERTICAL PIECE LENGTH TO 15", ELIMINATING ONE HORIZONTAL PIECE, LOCATING THE CENTER HORIZONTAL PIECE AT A HEIGHT DIMENSION OF 9-1/4", AND LOCATING THE UPPER HORIZONTAL PIECE EVEN WITH THE TOP OF THE VERTICAL PIECES. THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 20-1/2", A GROSS UNIT WEIGHT OF 2,019 POUNDS, AND A UNIT CUBE OF 24.6 CUBIC FEET.

