

APPENDIX 84

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

**FUZE, ROCKET, PACKED 81 PER WIREBOUND BOX,
UNITIZED 30 BOXES PER 40" X 48" PALLET;
APPROX BOX SIZE 19 $\frac{1}{4}$ " L X 18" W X 5 $\frac{3}{8}$ " H**

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT (LBS)
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	
1340- 00-143-6831	J318	C	III	(04) 1.2	B	2,216
01-079-1794	J346	A	VI	1.1	B	2,216
01-117-3751	J349	A	VI	1.1	B	2,216

REVISION

REVISION NO.1, DATED MAY 1989, CONSISTS OF:

1. ADDING DATA BY NSN TO "PALLET UNIT DATA" CHART.
2. CHANGING ITEM NOMENCLATURE IN DRAWING TITLE.
3. ADDING GENERAL NOTE "J".

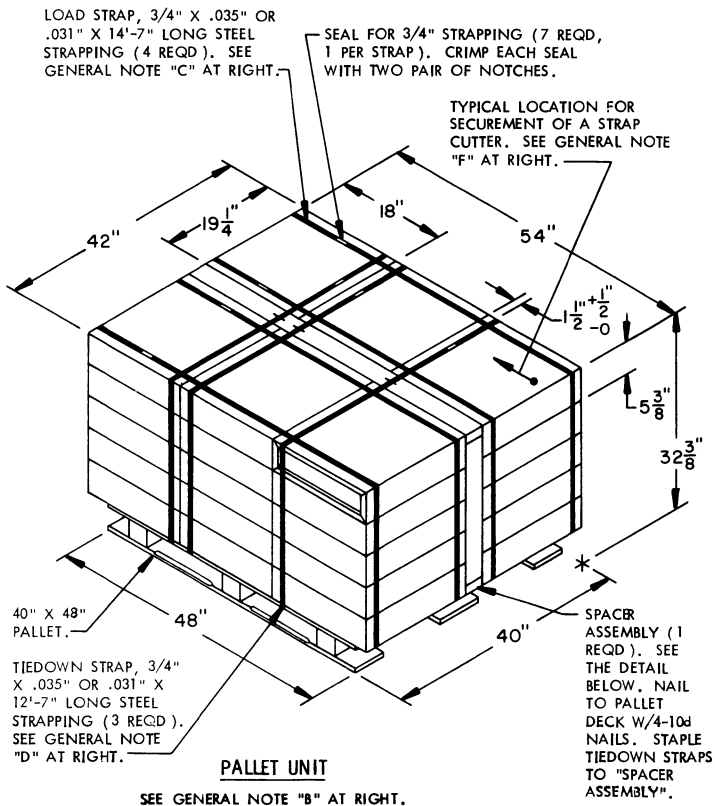
NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST
BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION
PROCEDURES DRAWING 19-48-4116-20PA1002.

REVISIONS				DRAFTSMAN GRG / <i>grg</i>	PROJ ENG MWS / <i>mws</i>	21-95
1	MAY 89	WIRE BOUND	<small>SMCAR-ESK</small> <small>AMSIC-TMD</small> <i>William & Ernst</i>	<small>CHECKER</small> <small>ENG ENGRG OFFICE</small> <i>John H. Spink</i>	<small>APPROVED, U. S. ARMY ARMAMENT MATERIEL READINESS COMMAND</small> <small>DRBAR-MAD</small> <small>DRBAR-TMD</small> <i>W. H. Benton</i>	<small>APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (ARMORC)</small> <small>U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL</small> <i>John L. Spink</i>
				<small>U. S. ARMY DARCOM DRAWING</small> FEBRUARY 1981		
				CLASS	DIVISION	DRAWING
				19	48	4116/84
						FILE
						20PA 1002

DO NOT SCALE

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 MUST BE PRE-POSITIONED AS DIMENSIONED 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 TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS DIMENSIONED. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD 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 19-46-4118-1-2-14-22PA1002
- 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 ROCKET FUZES 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. 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 THE ITEMS COVERED BY THIS APPENDIX.



30 BOXES OF FUZES (81 PER BOX) @ 20 LBS -----	2,100 LBS (APPROX)
DUNNAGE -----	36 LBS
PALLET -----	80 LBS
TOTAL WEIGHT -----	2,216 LBS (APPROX)
CUBE -----	42.5 CU FT (APPROX)

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
2" X 4"	20.94	13.96
NAILS	NO. REQD	POUNDS
10d (3")	34	0.52
PALLET, 40" X 48" -----	1 REQD -----	80 LBS
STEEL STRAPPING, 3/4" -----	96.08 REQD -----	6.86 LBS
SEAL FOR 3/4" STRAPPING -----	7 REQD -----	NIL
STAPLE FOR 3/4" STRAPPING --	3 REQD -----	NIL

