

APPENDIX 37

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

LAUNCHER AND CARTRIDGE, 84MM, M136, AT4,
AND M287, AT4, TRACER TRAINER, PACKED 5
PER PLYWOOD BOX, UNITIZED 4 BOXES PER 35" X
45-1/2" PALLET; APPROX BOX SIZE 44-3/8" L
X 35-1/2" W X 8-3/8" H

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

THIS DRAWING SUPERSEDES DRAWING 19-48-GM20AT1 DATED JUNE 1986

DISTRIBUTION STATEMENT A.

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED.

U. S. ARMY MATERIEL COMMAND DRAWING			
APPROVED, U. S. ARMY INDUSTRIAL OPERATIONS COMMAND <i>NH</i> <i>David M. Perkowski</i> AMSTA-AR-ESK APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL COMMAND <i>Darryl W. Collins</i> U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL	DRAFTSMAN M. MULHOLLAND ENGINEER SANDRA M. SCHULTZ	SUPPLY ENGINEERING DIVISION <i>T. J. Mitchell</i>	TRANSPORTATION ENGINEERING DIVISION <i>W. Ernest</i>
AMSIO-TMJ <i>David M. Perkowski</i> AMSIO-TMJ	VALIDATION ENGINEERING DIVISION <i>J. Becker</i> LOGISTICS ENGINEERING OFFICE <i>William F. Ernst</i> SEPTEMBER 1988		
REVISION NO. 2 MARCH 1996 SEE THE REVISION LISTING ON PAGE 2	CLASS 19	DIVISION 48	DRAWING 4116/ 37 FILE 20PA 1002

DO NOT SCALE

PALLET UNIT DATA				
ITEMS INCLUDED		HAZARD CLASS AND DIVISION		APPROX WEIGHT LBS
NSN	DODIC	OD CLASS	COMP GROUP	
1315-01-245-4950	C995	(12)1.1	E	678
01-324-3055	C995	(12)1.1	E	678
1055-01-207-2684		INERT		530

- 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).

REVISION

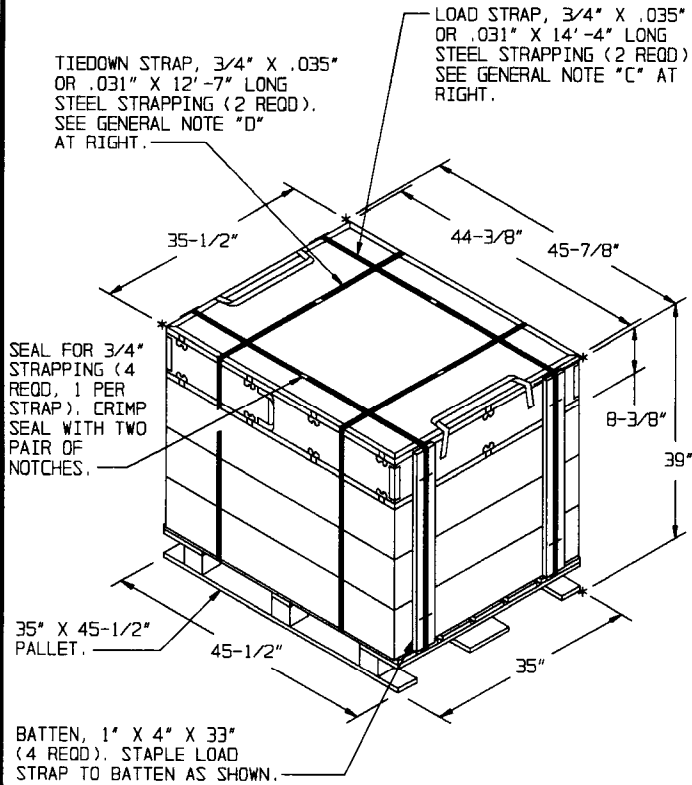
REVISION NO. 1, DATED MAY 1990, CONSISTS OF:

1. UPDATING NATIONAL STOCK NUMBER IN THE "PALLET UNIT DATA" CHART.

REVISION NO. 2, DATED MARCH 1996, CONSISTS OF:

1. ADDING ITEM BY NATIONAL STOCK NUMBER TO "PALLET UNIT DATA" CHART.
2. DELETING GENERAL NOTE RELATING TO THE STRAP CUTTER AND RE-LETTERING THE OTHER GENERAL NOTES.

GENERAL NOTES



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

4 BOXES OF ROCKET LAUNCHERS (5 PER BOX) AT 150 LBS - 600 LBS (APPROX)
 DUNNAGE ----- 13 LBS
 PALLET ----- 65 LBS

TOTAL WEIGHT ----- 678 LBS (APPROX)
 CUBE ----- 36.8 CU FT (APPROX)

BILL OF MATERIAL		
LUMBER	LINEAR FEET	BOARD FEET
1" X 4"	11.00	3.67
PALLET, 35" X 45-1/2"	1 REOD	65 LBS
STEEL STRAPPING, 3/4"	53.83' REOD	4.81 LBS
SEAL FOR 3/4" STRAPPING	4 REOD	NIL
STAPLE, 15/16" X 3/4"	8 REOD	NIL

- 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 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.
 - CARLOADING - - -19-48-4115-5PA1002
 - TRUCKLOADING - -19-48-4117-11PA1003 OR 19-48-4236-11PA1006
 - STORAGE - - -19-48-4118-1-2-3-4-14-22PA1002 OR 19-48-4234-1-3-4-14-PA1000
 - END OPENING ISO CONTAINER - - -19-48-4153-15PA1002
 - MILVAN - - -19-48-4166-15PA1003
 - SIDE OPENING ISO CONTAINER - - -19-48-4267-15PA1009
- 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 TRAINING LAUNCHERS AND LAUNCHER WITH 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 THAT WHAT IS SHOWN.
- H. THE STYLE 1A 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. IF LESS THAN FOUR BOXES ARE REQUIRED TO BE UNITIZED ON A PALLET UNIT, THE BATTENS MUST BE MODIFIED. FOR A 3-BOX UNIT THE BATTEN HEIGHT MUST BE DECREASED TO 25", FOR A 2-BOX UNIT THE BATTEN HEIGHT MUST BE DECREASED TO 16-1/2", AND FOR A 1-BOX UNIT THE BATTEN HEIGHT MUST BE DECREASED TO 8".
- K. ALL DUNNAGE SHALL BE PRESERVATIVE TREATED IN ACCORDANCE WITH GENERAL NOTE "AA" IN THE BASIC PROCEDURES.