

APPENDIX 37B

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

**LAUNCHER AND CARTRIDGE, 84MM, M136, AT4,
AND M287, AT4, TRACER TRAINER, PACKED 5
PER WOODEN BOX, UNITIZED 4 BOXES PER 35"
X 45-1/2" PALLET; APPROX BOX SIZE 46-1/2" L
X 36-1/4" W X 10-1/4" H**

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

DISTRIBUTION STATEMENT A:

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U.S. ARMY MATERIEL COMMAND DRAWING

<p style="font-size: small;">APPROVED, U.S. ARMY OPERATIONS SUPPORT COMMAND</p> <p style="text-align: right; font-size: x-small;">NLH</p> <p style="font-size: x-large; font-family: cursive;"><i>David A. Piskovill</i></p> <p style="font-size: x-small; text-align: right;">AMSTA-AR-WEP-RP</p>	<p>CAUTION: VERIFY PRIOR TO USE AT WWW.DAC.ARMY.MIL/DET THAT THIS IS THE MOST CURRENT VERSION OF THIS DOCUMENT. THIS IS PAGE 1 OF 4.</p>				
<p style="font-size: x-large; font-family: cursive;"><i>Richard Aseltine</i></p> <p style="font-size: x-small; text-align: right;">AMSTOM</p>	<p>DO NOT SCALE</p>	<p style="font-size: x-large;">JUNE 1989</p>			
<p style="font-size: small;">APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p style="font-size: x-large; font-family: cursive;"><i>Charles J. ...</i></p> <p style="font-size: x-small; text-align: right;">U.S. ARMY DEFENSE AMMUNITION CENTER</p>	<p style="font-size: x-small;">ENGINEER OR TECHNICIAN</p>	<p style="font-size: x-small;">BASIC REV.</p>	<p style="font-size: x-small;">LAURA A. FIEFFER LAURA A. FIEFFER</p>	<p style="font-size: x-small;">REVISION NO. 2</p>	<p style="font-size: x-small;">NOVEMBER 2002</p>
	<p style="font-size: x-small;">TRANSPORTATION ENGINEERING DIVISION</p>	<p style="font-size: x-small;">VALIDATION ENGINEERING DIVISION</p>	<p style="font-size: x-small;">TESTED</p>	<p style="font-size: x-small;">SEE THE REVISION LISTING ON PAGE 2</p>	
	<p style="font-size: x-small;">ENGINEERING DIRECTORATE</p>	<p style="font-size: x-small;">CLASS</p>	<p style="font-size: x-small;">DIVISION</p>	<p style="font-size: x-small;">DRAWING</p>	<p style="font-size: x-small;">FILE</p>
	<p style="font-size: x-small;"><i>William P. ...</i></p>	<p style="font-size: x-small;">19</p>	<p style="font-size: x-small;">48</p>	<p style="font-size: x-small;">4116/ 37B</p>	<p style="font-size: x-small;">20PA1002</p>

PALLET UNIT DATA				
ITEMS INCLUDED		● HAZARD CLASS AND DIVISION	● COMPAT-ABILITY GROUP	APPROX WEIGHT LBS
NSN	DODIC			
1055-01-207-2684	UNAS	———— INERT ————		671
1315-01-245-4950	C995	1. 1	E	671
01-486-2293	C995	1. 1	E	671

- 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).

REVISIONS

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

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

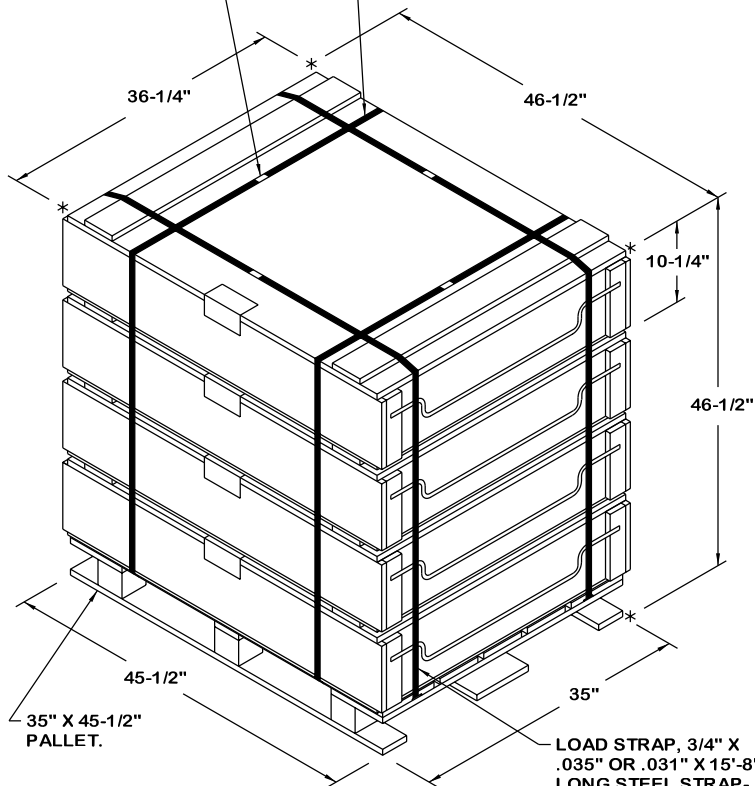
REVISION NO. 2, DATED NOVEMBER 2002, CONSISTS OF:

1. ADDING ITEM BY NATIONAL STOCK NUMBER TO THE "PALLET UNIT DATA CHART".
2. ADDING BOX DRAWING GENERAL NOTE.
3. REMOVING REFERENCE TO STRAP CUTTER.

GENERAL NOTES

SEAL FOR 3/4" STRAPPING
(4 REQD, 1 PER STRAP).
CRIMP EACH SEAL WITH
TWO PAIR OF NOTCHES.

TIEDOWN STRAP, 3/4" X .035"
OR .031" X 14'-0" LONG STEEL
STRAPPING (2 REQD). SEE
GENERAL NOTE "D" AT RIGHT.



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

4 BOXES OF LAUNCHER AND CTG (5 PER BOX) @ 150 LBS -- 600 LBS (APPROX)
DUNNAGE ----- 6 LBS
PALLET ----- 65 LBS

TOTAL WEIGHT ----- 671 LBS (APPROX)
CUBE ----- 45.5 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 35" X 45-1/2"	----	1 REQD	----	65 LBS
STEEL STRAPPING, 3/4"	----	59.33' REQD	----	5.30 LBS
SEAL FOR 3/4" STRAPPING	----	4 REQD	----	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 THE BOXES ON THE PALLET. LOAD STRAPS WILL NOT BE TENSIONED AND SEALED UNTIL THE TIEDOWN STRAPS HAVE BEEN APPLIED.

D. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL BE TENSIONED AND SEALED PRIOR TO THE LOAD STRAPS.

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
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

F. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS REVISION TO THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS REVISION.

G. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING TRAINING LAUNCHERS AND LAUNCHER AND CARTRIDGES 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 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. WHEN THE UNIT LOAD DEPICTED AT LEFT IS TO BE USED FOR UNITIZING MARINE CORPS AMMUNITION, DESIGNATED FOR SHIPMENT ONBOARD MPS OR L-FORM, ONE BOX MUST BE OMITTED, TIEDOWN STRAP LENGTHS MUST BE DECREASED TO 12'-3", LOAD STRAP LENGTHS MUST BE DECREASED TO 14'-0", AND 1-1/4" X .035" OR .031" GALVANIZED STEEL STRAPPING MUST BE SUBSTITUTED FOR THE 3/4" STRAPPING. THIS WILL RESULT IN AN OVERALL UNIT HEIGHT OF 36-1/4", A GROSS UNIT WEIGHT OF 523 POUNDS, AND A UNIT CUBE OF 35.4 CUBIC FEET. ADDITIONALLY, THE UNIT MAY BE MODIFIED AS DESCRIBED WHEN BEING SHIPPED BY MILVAN OR ISO INTERMODAL FREIGHT CONTAINER, WITH THE EXCEPTION THAT 3/4" STRAPPING WILL CONTINUE TO BE USED INSTEAD OF 1-1/4" STRAPPING. 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.

K. FOR DETAILS OF THE WOODEN BOX SEE DRAWING 28201930.

