

APPENDIX 55G

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

**FUZE, BOMB, FMU-54 SERIES, PACKED 15 PER
WOODEN BOX, UNITIZED 12 BOXES PER 42"
X 53" PALLET; APPROX BOX SIZE 29-1/4" L X
15-1/4" W X 17-1/8" 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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U.S. ARMY MATERIEL COMMAND DRAWING

<p>APPROVED, U.S. ARMY JOINT MUNITIONS COMMAND</p> <p style="text-align: right;"><i>WCT</i></p> <p><i>David A. Piskorik</i></p> <p style="text-align: right;"><small>AMSTA-AR-WEP-RP</small></p> <hr/> <p><i>Robert A. Regazzi</i></p> <p style="text-align: right;"><small>AN SJM-TT</small></p> <hr/> <p>APPROVED BY ORDER OF COMMANDING GENERAL, U.S. ARMY MATERIEL COMMAND</p> <p><i>Charles S. Hood</i></p> <p style="text-align: center;"><small>U.S. ARMY DEFENSE AMMUNITION CENTER</small></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> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">DO NOT SCALE</td> <td colspan="2" style="text-align: center;">APRIL 1984</td> </tr> <tr> <td style="width: 15%;"><small>ENGINEER OR TECHNICIAN</small></td> <td style="width: 15%;"><small>BASIC REV.</small></td> <td colspan="2" style="text-align: center;">ROBERT A. REGAZZI</td> </tr> <tr> <td></td> <td></td> <td colspan="2" style="text-align: center;">LAURA A. FIEFFER</td> </tr> <tr> <td colspan="2" style="text-align: center;"><small>TRANSPORTATION ENGINEERING DIVISION</small></td> <td colspan="2" style="text-align: center;"><i>Laura A. Fieffer</i></td> </tr> <tr> <td colspan="2" style="text-align: center;"><small>VALIDATION ENGINEERING DIVISION</small></td> <td colspan="2" style="text-align: center;"><i>William P. French</i></td> </tr> <tr> <td colspan="2" style="text-align: center;"><small>ENGINEERING DIRECTORATE</small></td> <td colspan="2" style="text-align: center;"><i>William P. French</i></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;"><small>REVISION NO. 1</small></td> <td style="text-align: center;"><small>MARCH 2003</small></td> </tr> <tr> <td colspan="4" style="text-align: center;"><small>SEE THE REVISION LISTING ON PAGE 2</small></td> </tr> <tr> <td style="width: 10%;"><small>CLASS</small></td> <td style="width: 10%;"><small>DIVISION</small></td> <td style="width: 10%;"><small>DRAWING</small></td> <td style="width: 10%;"><small>FILE</small></td> </tr> <tr> <td style="text-align: center;">19</td> <td style="text-align: center;">48</td> <td style="text-align: center;">4116/ 55G</td> <td style="text-align: center;">20PA1002</td> </tr> </table>	DO NOT SCALE		APRIL 1984		<small>ENGINEER OR TECHNICIAN</small>	<small>BASIC REV.</small>	ROBERT A. REGAZZI				LAURA A. FIEFFER		<small>TRANSPORTATION ENGINEERING DIVISION</small>		<i>Laura A. Fieffer</i>		<small>VALIDATION ENGINEERING DIVISION</small>		<i>William P. French</i>		<small>ENGINEERING DIRECTORATE</small>		<i>William P. French</i>				<small>REVISION NO. 1</small>	<small>MARCH 2003</small>	<small>SEE THE REVISION LISTING ON PAGE 2</small>				<small>CLASS</small>	<small>DIVISION</small>	<small>DRAWING</small>	<small>FILE</small>	19	48	4116/ 55G	20PA1002
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PALLET UNIT DATA				
ITEMS INCLUDED		● HAZARD CLASS AND DIVISION	● COMPAT-IBILITY GROUP	APPROX WEIGHT LBS
NSN	DODIC			
1325-00-115-9784	F721	1. 2. 2	D	902
00-471-1958	F812	INERT		902
00-148-4085	F841	1. 2. 2	D	902

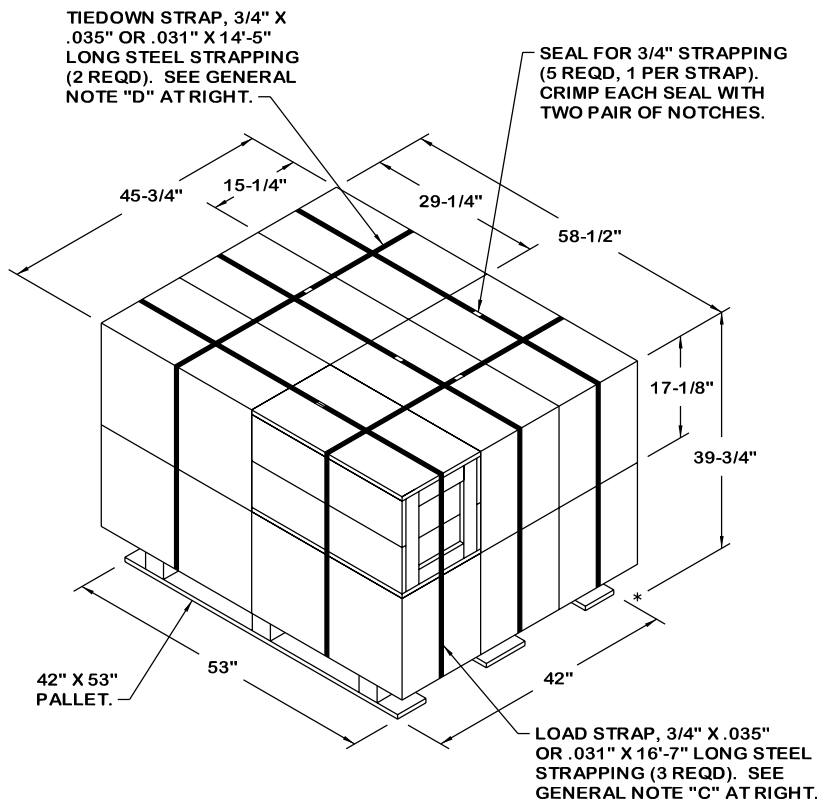
● HAZARD CLASSIFICATION DATA CONTAINED IN THE ABOVE CHART IS FOR GUIDANCE AND INFORMATIONAL PURPOSES ONLY. VERIFICATION OF THE SPECIFIED DATA SHOULD BE MADE BY CONSULTING THE MOST RECENT JOINT HAZARD CLASSIFICATION SYSTEM LISTING OR OTHER APPROVED LISTING(S).

REVISION

REVISION NO. 1, DATED MARCH 2003, CONSISTS OF:

1. CHANGING BOX TYPE TO PPP-B-621.
2. UPDATING BOX WEIGHT AND QUANTITY PER BOX.
3. ADDING ITEMS BY NATIONAL STOCK NUMBER (NSN) TO THE "PALLET UNIT DATA" CHART.
4. ADDING PAGES 3 AND 4 (UPDATING DRAWING FORMAT).

GENERAL NOTES



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

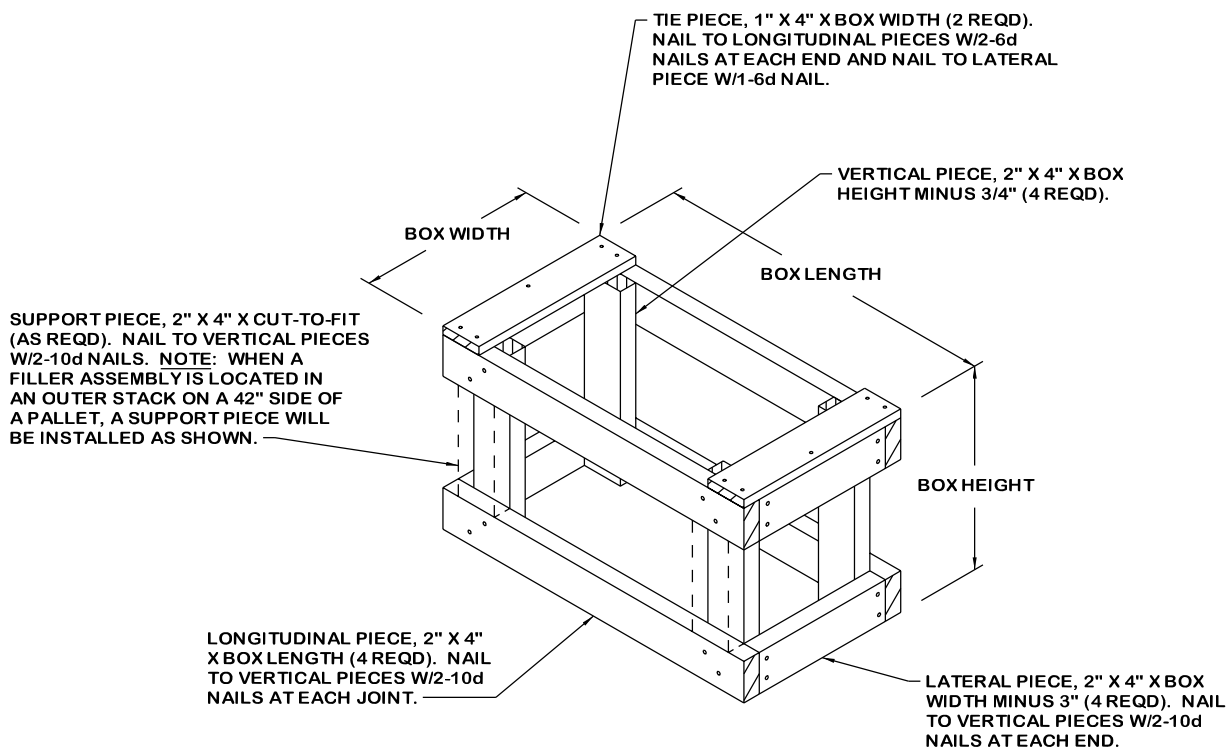
12 BOXES OF BOMB FUZES (15 PER BOX) @ 67 LBS	-----	804 LBS (APPROX)
DUNNAGE	-----	8 LBS
PALLET	-----	90 LBS
TOTAL WEIGHT	-----	902 LBS (APPROX)
CUBE	-----	61.6 CU FT (APPROX)

BILL OF MATERIAL

PALLET, 42" X 53"	-----	1 REQD	-----	90 LBS	
STEEL STRAPPING, 3/4"	-----	78.58'	REQD	-----	7.02 LBS
SEAL FOR 3/4" STRAPPING	-----	5 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 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
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 BOMB FUZES 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 45-3/4" LENGTH DIMENSION IS AN EXCEPTION TO THE BASIC PROCEDURES. HOWEVER, THE EXCEPTION IS NECESSARY FOR THE AMMUNITION PACK COVERED BY THIS APPENDIX TO MOST EFFECTIVELY GET AN ACCEPTABLE, COMPACT AND SOUND PALLET UNIT.
- J. THE STYLE 1B 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.
- K. FOR DETAILS OF THE PPP-B-621 WOODEN BOX SEE AIR FORCE SPI F00-148-4085.



FILLER ASSEMBLY
(FOR MINUS ONE BOX)