

# APPENDIX 50C

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

BASE BURNER ASSEMBLY, 155MM M864, PACKED 6  
PER WOODEN BOX, UNITIZED 30 BOXES PER 40"  
X 48" PALLET; APPROX BOX SIZE 25-7/8" L X  
15-9/16" W X 8-5/16" 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.

APPROVED FOR PUBLIC RELEASE:  
DISTRIBUTION IS UNLIMITED.

| U. S. ARMY MATERIEL COMMAND DRAWING   |   |  |  |
|---|---|--|--|
| APPROVED, U.S. ARMY INDUSTRIAL OPERATIONS<br>COMMAND <i>NLH</i><br><br><i>David A. Piskorik Timothy Fore</i><br>AMSTA-AR-ESK                      AMSIO-TMJ | DRAFTSMAN<br>ENGINEER<br>SUPPLY ENGINEERING<br>DIVISION | BETTY J. KUNDERT<br><br>SANDRA M. SCHULTZ<br><br>TRANSPORTATION<br>ENGINEERING<br>DIVISION,<br><br>VALIDATION<br>ENGINEERING<br>DIVISION | LOGISTICS ENGINEERING OFFICE<br><br><i>William F Ernst</i> |
| APPROVED BY ORDER OF COMMANDING GENERAL, U.S.<br>ARMY MATERIEL COMMAND<br><br><i>Tammy V. Dulles Jr</i><br>U.S. ARMY DEFENSE AMMUNITION CENTER              | JUNE 1992   |  |  |
| REVISION NO. 1      DECEMBER 1996<br><br>SEE THE REVISION LISTING ON PAGE 2   | CLASS<br><br>19   | DIVISION<br><br>48   | DRAWING<br><br>4116/<br>50C                                |
|   |   | FILE<br><br>20PA<br>1002   |  |

DO NOT SCALE

| PALLET UNIT DATA |       |                             |            |                   |
|------------------|-------|-----------------------------|------------|-------------------|
| ITEMS INCLUDED   |       | HAZARD CLASS AND DIVISION ● |            | APPROX WEIGHT LBS |
| NSN              | DODIC | OD CLASS                    | COMP GROUP |                   |
| 1320-01-231-1693 | ----  | 1.3                         | C          | 4,051 *           |
| 01-245-8892      | ----- | INERT                       | -----      | 3,181             |

● 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).

\* THE 4,051 LBS WEIGHT IS AN EXCEPTION TO THE BASIC PROCEDURES. HOWEVER, THE EXCEPTION IS NECESSARY FOR THE AMMUNITION PACK COVERED BY THIS APENDIX, TO MOST EFFECTIVELY GET AN ACCEPTABLE, COMPACT AND SOUND PALLET UNIT.

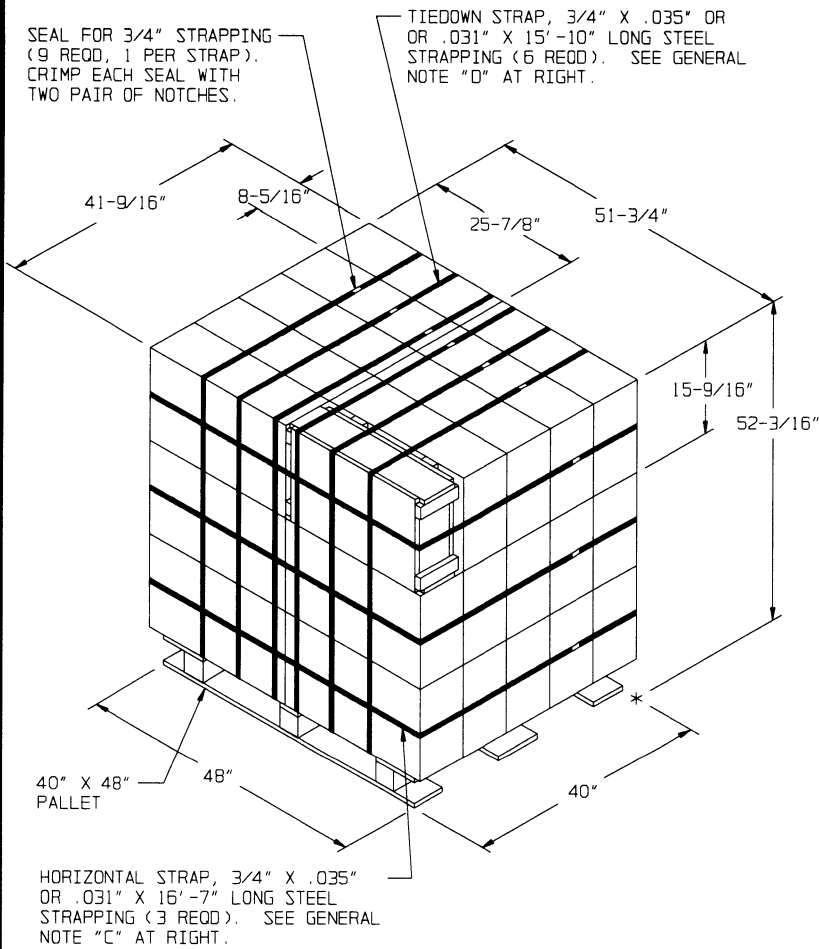
#### REVISIONS

REVISION NO. 1, DATED DECEMBER 1996, CONSISTS OF:

1. DELETING THE STRAP CUTTER FROM THE UNIT LOAD ON PAGE 3.
2. DELETING GENERAL NOTE RELATING TO STRAP CUTTER AND RE-LETTERING OTHER GENERAL NOTES.

**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. INSTALL EACH HORIZONTAL STRAP TO BE LOCATED AS SHOWN. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO THE 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 BE TENSIONED AND SEALED FOLLOWING APPLICATION OF HORIZONTAL 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 COMMERCIAL 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 BASE BURNER ASSEMBLIES 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 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 ITEMS COVERED BY THIS APPENDIX.



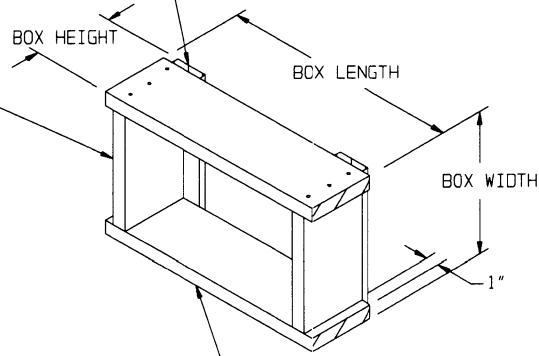
**PALLET UNIT**

|  |                     |
|--|---------------------|
| 30 BOXES OF BASE BURNER ASSEMBLIES (6 PER BOX) @ 132 LBS - | 3,960 LBS (APPROX)  |
| DUNNAGE  | 11 LBS              |
| PALLET   | 80 LBS              |
| <hr/>  |                     |
| TOTAL WEIGHT   | 4,051 LBS (APPROX)  |
| CUBE   | 65.0 CU FT (APPROX) |

| BILL OF MATERIAL        |           |              |               |
|-------------------------|-----------|--------------|---------------|
| PALLET, 40" X 48"       | - - - - - | 1 REOD       | - - - 80 LBS  |
| STEEL STRAPPING, 3/4"   | - -       | 144.75' REOD | - - 10.34 LBS |
| SEAL FOR 3/4" STRAPPING | - - - -   | 9 REOD       | - - - - NIL   |

TIE PIECE, 1" X 4" X BOX WIDTH (2 REOD). NAIL TO LONGITUDINAL PIECES W/2-6d NAILS AT EACH END AND TO LATERAL PIECE W/1-6d NAIL.

LATERAL PIECE, 2" X 8" X BOX WIDTH MINUS 3" (2 REOD).



LONGITUDINAL PIECE, 2" X 8" X BOX LENGTH (2 REOD). NAIL TO LATERAL PIECES W/3-10d NAILS AT EACH END.

**FILLER ASSEMBLY**

(FOR MINUS ONE BOX)