

# APPENDIX 127B

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

CORD, DETONATING-REINFORCED, PACKED 3 SPOOLS  
PER WOODEN BOX, UNITIZED 16 BOXES PER 40" X  
48" PALLET; APPROX BOX SIZE 36" L X 11" W  
X 12" H

| PALLET UNIT DATA |       |                                    |          |          |            |         |
|------------------|-------|------------------------------------|----------|----------|------------|---------|
| ITEMS INCLUDED   |       | HAZARD CLASSIFICATION <sup>①</sup> |          |          |            | WEIGHT  |
| NSN              | DODIC | DOT CLASS                          | CG CLASS | QD CLASS | COMP GROUP | ( LBS ) |
| 1375-00          |       | A                                  | I        | 1.1      | D          | 1,322   |
| 204-0851         | M456  | A                                  | I        | 1.1      | D          | 1,322   |
| 180-9356         | M456  | A                                  | I        | 1.1      | D          | 1,322   |

### REVISION

REVISION NO. 1, DATED APRIL 1984, CONSISTS OF:

1. CHANGING BOX DIMENSIONS.
2. UPDATING DRAWING FORMAT.

REVISION NO. 2, DATED JUNE 1985, CONSISTS OF:

1. UPDATING DRAWING TITLE.
2. ADDING GENERAL NOTE J.

REVISION NO. 3, DATED SEPTEMBER 1985, CONSISTS OF:

1. UPDATING ITEM NOMENCLATURE IN DRAWING TITLE.

REVISION NO. 4, DATED APRIL 1989, CONSISTS OF:

1. UPDATING HAZARD CLASSIFICATION IN "PALLET UNIT DATA" CHART.

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

<sup>①</sup> 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 |        |         |         | DATE    | BY       | FOR       | FILE     |
|-----------|--------|---------|---------|---------|----------|-----------|----------|
| 1         | APR 84 | WRE/SES | WRE/SES | RSH     | WRE/SES  | RSH       | RSH      |
| 2         | JUN 85 | WRE/SES | WRE/SES | WRE/SES | WRE/SES  | WRE/SES   | WRE/SES  |
| 3         | SEP 85 | WRE/SES | WRE/SES | WRE/SES | WRE/SES  | WRE/SES   | WRE/SES  |
| 4         | APR 89 | WRE/SES | WRE/SES | WRE/SES | WRE/SES  | WRE/SES   | WRE/SES  |
|           |        |         |         | CLASS   | DIVISION | DRAWING   | FILE     |
|           |        |         |         | 19      | 48       | 4116/127B | 20PA1002 |

**DO NOT SCALE**

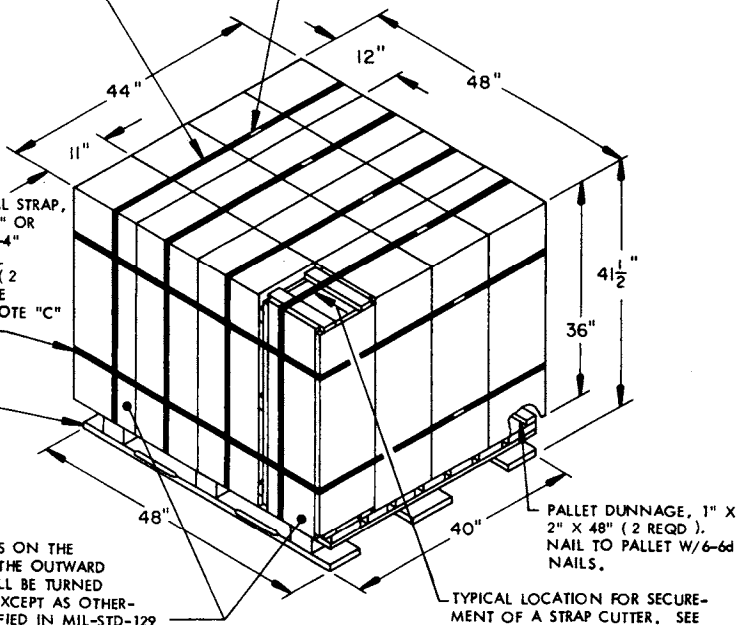
TIEDOWN STRAP, 3/4" X .035" OR .031" X 14'-5" LONG STEEL STRAPPING (4 REQD.). SEE GENERAL NOTE "D" AT RIGHT.

SEAL FOR 3/4" STRAPPING (6 REQD. 1 PER STRAP). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES.

HORIZONTAL STRAP, 3/4" X .035" OR .031" X 16'-4" LONG STEEL STRAPPING (2 REQD.). SEE GENERAL NOTE "C" AT RIGHT.

40" X 48" PALLET.

TOP CLEATS ON THE BOXES IN THE OUTWARD STACKS WILL BE TURNED INWARD, EXCEPT AS OTHERWISE SPECIFIED IN MIL-STD-129.



**PALLET UNIT**

SEE GENERAL NOTE "B" AT RIGHT.

|   |       |                            |
|---|-------|----------------------------|
| 16 BOXES OF DETONATING CORD (3 SPOOLS/BOX) @ 77 LBS | ----- | 1,232 LBS (APPROX)         |
| DUNNAGE   | ----- | 10 LBS                     |
| PALLET  | ----- | 80 LBS                     |
| <b>TOTAL WEIGHT</b>                                 | ----- | <b>1,322 LBS (APPROX)</b>  |
| <b>CUBE</b>   | ----- | <b>50.7 CU FT (APPROX)</b> |

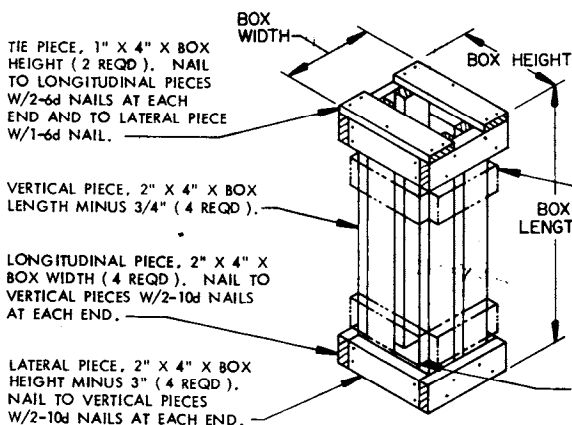
**GENERAL NOTES**

- 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.
- 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.
- INSTALL EACH HORIZONTAL STRAP TO ENCIRCLE THE LAYER OF BOXES ON THE PALLET. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- 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 HORIZONTAL STRAPS HAVE BEEN TENSIONED AND SEALED.
- THE FOLLOWING AMC (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 19-48-4118-1-2-3-4-14-22PA1002. |
- FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P1000.
- IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING CORD, DETONATING 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.
- THE STYLE I 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.

**BILL OF MATERIAL**

| LUMBER  | LINEAR FEET | BOARD FEET |
|---|-------------|------------|
| 1" X 2"   | 8           | 1.33       |
| NAILS   | NO. REQD    | POUNDS     |
| 6d (2")   | 12          | 0.07       |
| PALLET, 40" X 48"-----1 REQD----- 80 LBS            |             |            |
| STEEL STRAPPING, 3/4"-----90.33' REQD----- 6.45 LBS |             |            |
| SEALS FOR 3/4" STRAPPING-----6 REQD----- NIL        |             |            |



**FILLER ASSEMBLY**  
(FOR MINUS ONE BOX)