

APPENDIX 120J

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

CHARGE, DEMOLITION , CHAIN OR BLOCK, PACKED
2 CHAINS OR 16 BLOCKS PER WOODEN BOX,
UNITIZED 28 BOXES PER 40" X 48" PALLET;
APPROX BOX SIZE $21\frac{1}{8}$ " L X $14\frac{3}{8}$ " W X $7\frac{3}{8}$ " H

| PALLET UNIT DATA | | | | | | |
|----------------------|-------|-----------------------|----------|----------|------------|---------|
| ITEMS INCLUDED | | HAZARD CLASSIFICATION | | | | WEIGHT |
| NSN | DODIC | DOT CLASS | CG CLASS | QD CLASS | COMP GROUP | (LBS) |
| 1375- 00-028-5133 | M035 | A | IX-B | 1.1 | D | 1,796 |
| 00-028-5135 | M036 | A | IX-B | 1.1 | D | 1,684 |

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

| REVISIONS | | | | DRAFTSMAN | PROJ ENG |
|--|--|--|--|--------------------|--------------------|
| | | | | <i>[Signature]</i> | <i>[Signature]</i> |
| | | | | CHECKER | LOG ENGRG OFFICE |
| | | | | <i>[Signature]</i> | <i>[Signature]</i> |
| APPROVED, U. S. ARMY ARMAMENT MATERIEL READINESS COMMAND | | | | | |
| | | | | <i>[Signature]</i> | <i>[Signature]</i> |
| | | | | DRRAR - MAD | DRRAR - TMD |
| APPROVED BY ORDER OF COMMANDING GENERAL, U. S. ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND (DARCOM) | | | | | |
| | | | | <i>[Signature]</i> | <i>[Signature]</i> |
| U. S. ARMY DEFENSE AMMUNITION CENTER AND SCHOOL | | | | | |
| U. S. ARMY DARCOM DRAWING | | | | | |
| JULY 1979 | | | | | |
| | | | | CLASS | DIVISION |
| | | | | DRAWING | FILE |
| | | | | 19 | 48 |
| | | | | 4116/ 120J | 20PA 1002 |

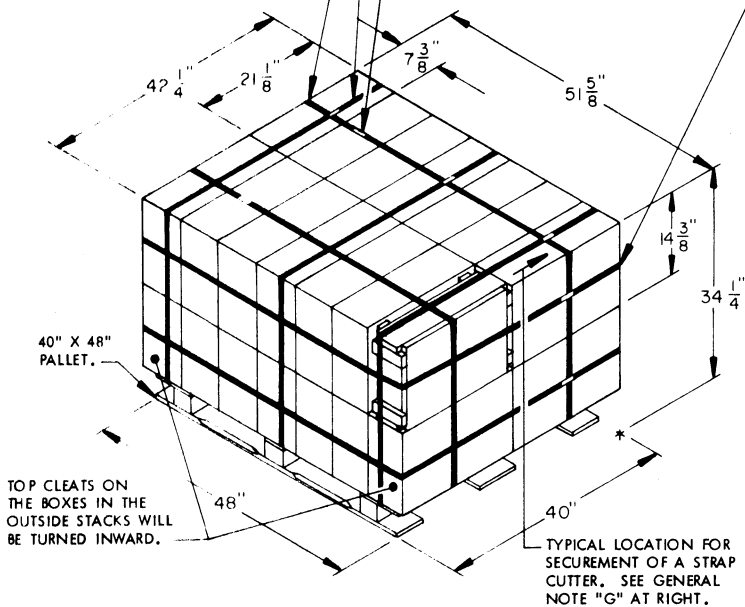
DO NOT SCALE

TIEDOWN STRAP, 3/4" X .035" OR .031" X 12'-11" LONG STEEL STRAPPING (3 REQD). SEE GENERAL NOTE "E" AT RIGHT.

LOAD STRAP, 3/4" X .035" OR .031" X 14'-6" LONG STEEL STRAPPING (2 REQD). SEE GENERAL NOTE "C" AT RIGHT.

SEAL FOR 3/4" STRAPPING (7 REQD, 1 PER STRAP). CRIMP EACH SEAL WITH TWO PAIR OF NOTCHES.

HORIZONTAL STRAP, 3/4" X .035" OR .031" X 16'-8" LONG STEEL STRAPPING (2 REQD). SEE GENERAL NOTE "C" AT RIGHT.



PALLET UNIT

SEE GENERAL NOTE "B" AT RIGHT.

28 BOXES OF DEMOLITION CHARGE (16 PER BOX) @ 61 LBS ----- 1,708 LBS (APPROX)
 DUNNAGE ----- 8 LBS
 PALLET ----- 80 LBS

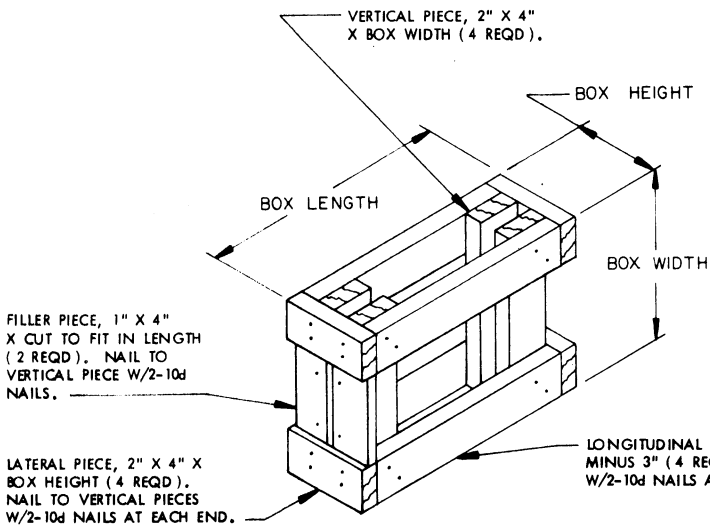
TOTAL WEIGHT ----- 1,796 LBS (APPROX)
 CUBE ----- 43.2 CU FT (APPROX)

BILL OF MATERIAL

| | | |
|-------------------------------|--------------------|----------|
| PALLET, 40" X 48" ----- | 1 REQD ----- | 80 LBS |
| STEEL STRAPPING, 3/4" ----- | 101.08' REQD ----- | 7.22 LBS |
| SEAL FOR 3/4" STRAPPING ----- | 7 REQD ----- | NIL |

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. 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 HORIZONTAL STRAPS.
- D. INSTALL EACH HORIZONTAL STRAP TO ENCIRCLE A LAYER OF BOXES ON THE PALLET. HORIZONTAL STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- E. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE DECK/STRINGER BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIEDOWN STRAPS WILL NOT BE APPLIED UNTIL THE LOAD STRAPS AND THE HORIZONTAL STRAPS HAVE BEEN TENSIONED AND SEALED.
- F. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUT-LOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX.
 CARLOADING ----- DRAWING 19-48-4115-5PA1002
 TRUCKLOADING ----- DRAWING 19-48-4117-11PA1003
 STORAGE ----- DRAWING 19-48-4118-1-2-14-22PA1002
- G. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20PT1000.
- H. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- J. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING DEMOLITION CHARGES 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.



FILLER ASSEMBLY

(FOR MINUS ONE BOX)